

1319.4106
11

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS
WESTERN AUSTRALIAN OFFICE

Statistics
of
Western Australia

LABOUR AND PRICES

1969

F. W. SAYER
DEPUTY COMMONWEALTH STATISTICIAN
AND GOVERNMENT STATISTICIAN

By Authority: WILLIAM C. BROWN, Government Printer:

1971

6476/11/70

ROUNDING OF FIGURES

Many of the figures appearing in the tables have been rounded (to thousands or, in some cases, hundreds), without making those adjustments which would be needed to make the rounded figures add to the rounded total. It is for this reason that figures do not always add to the totals shown in the tables.

Percentages appearing in the tables have been corrected to the first (or second) place of decimals without making those adjustments which would be necessary to make the percentages so expressed add to precisely 100.

SPECIAL NOTE

The *Statistical Register of Western Australia* ceased publication under that title with statistics for the year 1967-68.

For 1968-69 and subsequent years, the various parts of the Statistical Register will be published under new titles, as set out below, under the general heading of *Statistics of Western Australia*. An exception is *Part VI—Factory Statistics* which will be replaced by one of a series of Integrated Economic Census bulletins issued by the Commonwealth Statistician, Canberra.

Old title under Statistical Register of Western Australia	New title under Statistics of Western Australia
Part I—Population and Vital Statistics	Demography
Parts II and III—Finance Statistics	Finance
Part IV—Trade, Transport and Communication	Trade Transport and Communication
Part V—Land Settlement, Agriculture, Livestock and Meteorological Statistics	Rural Industries Non-Rural Primary Industries
Part VII—Mineral Statistics and Water Conservation	Mineral statistics are incorporated in Non-Rural Primary Industries, and water conservation is now part of Rural Industries
Parts VIII, IX and X—Social Statistics	Social
Part XI—Local Government	Local Government
Part XII—Retail Prices, Wages, Employment and Miscellaneous	Labour and Prices Building and Housing
Statistical Summary from 1829	Summary from 1829

LIBRARY OF N.S.W.
= 9 AUG 1972
DONATION

LABOUR AND PRICES

CONTENTS

TABLE

Wages

1 State Basic Wage	4
2 Commonwealth Awards: Minimum Weekly Wage Rates	4
3 Minimum Rates of Wages payable under Awards, Determinations and Agreements	5-7
4 Minimum Rates of Wages payable to Apprentices under Awards and Agreements	7
5 Weighted Average Minimum Weekly Wage Rates: Industrial Groups	8
6 Weighted Average Minimum Weekly and Hourly Wage Rates	9
7 Average Weekly Earnings per Employed Male Unit	9

Employment

Introductory Letterpress	10-12
8 Work Force classified according to Industry Group: Census, 30 June 1966	12
9 Industry of the Population: Census, 30 June 1966	13
10 Industry of the Work Force: Census, 30 June 1966—Classification according to Statistical Division	14
11 Occupational Status of the Population: Census, 30 June 1966	15
12 Industry and Occupational Status of the Work Force: Census, 30 June 1966	16
13 Occupations of the Population: Census, 30 June 1966	17-18
14 Wage and Salary Earners in Civilian Employment	18
15 Wage and Salary Earners in Civilian Employment: Industry Groups and Sub-groups	19-20
16 Government Authorities: Civilian Employees in Western Australia	21
17 Employment in Building according to Occupational Status and Type of Job	21
18 Employment in Building according to Occupation	21
19 Employment in Factories in each Class of Industry, according to Age	22
20 Apprenticeship: Registrations to Various Trades and Number of Effective Registrations	23

INDUSTRIAL DISPUTES

21 Industrial Disputes: Western Australia	24
22 Duration of Industrial Disputes: 1965	25
23 Duration of Industrial Disputes: 1966	26
24 Duration of Industrial Disputes: 1967	27
25 Duration of Industrial Disputes: 1968	28
26 Duration of Industrial Disputes: 1969	29

INDUSTRIAL ACCIDENTS

Introductory Letterpress	30
27 Industry Group, Time Lost and Cost of Claims (Time lost: one day or more)	31
28 Time Lost and Cost of Claims: Five-year Summary (Time lost: one day or more)	31
29 Industry Group, Time Lost and Cost of Claims (Time lost: one week or more)	32
30 Time Lost and Cost of Claims: Five-year Summary (Time lost: one week or more)	32

Prices

Introductory Letterpress	33-6
--------------------------------	------

RETAIL

31 Consumer Price Index: Perth	37
32 Consumer Price Index: All Groups Index Numbers, Six Capital Cities	37
33 Consumer Price Index: Six Capital Cities Combined	38
34 Retail Price Index Numbers: 1901 to 1969	38
35 Retail Prices of Food and Groceries: Perth—Monthly Averages	39

WHOLESALE

36 Wholesale Price Index of Materials Used in Building: Group Index Numbers, Perth	40
37 Wholesale Price Index of Materials Used in Building: All Groups Index Numbers, Six Capital Cities	40

<i>List of Statistical Publications</i>	41-2
-----------------------------------------------	------

WAGES

No. 1—State Basic Wage: Variations in Rates (a) from 1951

Date of operation	Males	Females	Date of operation	Males	Females
1951—29 January	\$ 17.29	9.78	1960—30 January (c)	\$ 28.63	21.12
30 April	18.42	10.41	2 May	29.22	21.48
23 July	19.67	11.11	25 July	29.46	21.92
22 October	20.57	11.62	24 October	29.46	22.09
1 December (b)	13.37				
1952—29 January	21.41	13.92	1961—31 January	\$ 29.66	22.24
28 April	22.38	14.55	1 May	29.92	22.44
28 July	23.22	15.10	31 July	30.05	22.54
27 October	23.85	15.50	30 October	29.88	22.41
1953—27 April	24.18	15.72	1963—22 April	\$ 30.02	22.52
27 July	24.65	16.02	29 July	30.15	22.61
1955—9 August	25.24	16.41	1964—27 April	\$ 30.42	22.82
1956—31 January	25.37	16.49	22 September	30.80	23.10
23 April	25.71	16.71	26 October	31.12	23.34
23 July	26.15	17.00	1965—26 April	\$ 31.47	23.60
29 October	26.52	17.23	26 July	31.78	23.84
1957—25 January	26.62	17.31	16 November	31.96	23.97
26 April	26.88	17.48	1966—25 January	\$ 32.38	24.28
19 July	27.28	17.72	2 May	32.65	24.49
1958—7 February	26.85	17.45	2 August	33.26	24.95
4 August	27.22	17.70	24 October	33.50	25.13
27 October	27.34	17.78	1967—1 July	(d)	(d)
1959—27 April	27.51	17.88	1968—25 October	(d)	(d)
27 July	27.86	18.11	22 November (e)	35.45	27.08
26 October	28.15	18.30	1969—24 November	36.45	27.88

(a) From 22 September 1964, rates declared to apply uniformly throughout the State. For earlier periods, the rates shown are those which applied to the area comprised within a radius of 15 miles from the General Post Office, Perth.

(b) Female rate increased to 65 per cent of male rate as from 1 December 1951. (c) Female rate increased to 75 per cent of male rate from beginning of first pay-period commencing on or after 30 January 1960. (d) Special loading of 60 cents a week added to award rates for adult males and adult females operative from the beginning of the first pay-period commencing on or after 1 July 1967. Loading increased to \$1.95 operative from the beginning of the first pay-period commencing on or after 25 October 1968 until 22 November 1968 when loading was absorbed in basic wage.

(e) Rates prescribed under the provisions of the *Industrial Arbitration Act Amendment Act, 1968*.

No. 2—Commonwealth Awards: Minimum Weekly Wage Rates, Adult Males

In its decision of 8 July 1966 in the Basic Wage, Margins and Total Wages Cases of 1966 the Commonwealth Conciliation and Arbitration Commission announced that it intended to grant relief to low wage earners by inserting a provision in awards prescribing a minimum wage.

The provisions inserted in the awards state that no adult male employee shall be paid at less than the prescribed minimum rates as ordinary rates of pay in respect of the ordinary hours of work prescribed by the award. The minimum weekly wage rates prescribed were the appropriate basic wages plus \$3.75 a week. These minimum wages prescribed in Commonwealth awards are shown in the table below together with changes in the rates since they were first introduced.

Date of operation (a)	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart
1966—11 July	\$ 37.25	36.45	34.75	36.05	36.55	37.15
1967—1 July	38.25	37.45	35.75	37.05	37.55	38.15
1968—25 October	39.60	38.80	37.10	38.40	38.90	39.50
1969—19 December	43.10	42.30	40.60	41.90	42.40	43.00

(a) Rates operative from the beginning of the first pay-period commencing on or after the date shown.

No. 3—Minimum Rates of Wages payable to Adult Workers at 30 June 1969

NOTE. The wage rates in the table below have been taken from awards, determinations and agreements of industrial tribunals and from unregistered agreements operative at 30 June 1969. Except where indicated otherwise, the wage rates are those applicable to Perth.

In the majority of cases, the rates quoted are those payable for a full week's work, excluding overtime. Where it is not possible to quote such rates, hourly rates have been shown. For most occupations, a full week's work, excluding overtime, comprises forty hours. Where this does not apply, the prescribed weekly hours are given in footnotes to the table.

The wage rates shown in the table below have been compiled for statistical purposes only, and any inquiries regarding actual rates payable for particular occupations should be addressed to the appropriate industrial tribunal.

ADULT MALES

Industry and occupation	Wages	Industry and occupation	Wages
Primary production—	\$	Textiles (knitting)— <i>continued</i>	\$
Farming (general)—		Gillbox attendant	41.70
General hand	(a) 38.90	Labourer	39.10
Forestry—		Loom tuner	40.55
General forestry worker	47.50	Weaver	40.75
Grazing—		Food, drink and tobacco—	
General station hand (b)	(c) 41.00	Aerated water and cordials—	
Shearers—per 100 flock sheep (d)	20.52	General hand	39.75
Shed hand (d)	64.79	Truck driver (3 tons)	47.15
Mining and quarrying—		Bacon curing—	
Coal mining (e)—		Boner	51.65
Miner, machine	(f) 57.52	Slaughterman	53.50
Miner, manual	(f) 50.15	Baking (bread)—	
Shiftman, 1st class	(f) 50.15	Bread carter	42.80
Wheeler	(f) 45.26	Doughmaker	52.15
Quarrying—		Biscuit and cake making—	
Labourer	38.90	Biscuit and cake maker	42.65
Spiller	40.40	Brewing—	
Engineering, metals, vehicles, etc.—		General hand	49.09
Engineering (general)—		Truck driver (4 tons)	51.44
Boilermaker	54.85	Butter, cheese and milk processing—	
Electrical fitter	54.85	Butter maker	46.55
Fitter or turner	54.85	General hand	40.35
Jobbing moulder	54.85	Grader and/or tester	45.65
Labourer	38.90	Cereals, condiments, coffee, spices, etc.—	
Machinist, 1st class	54.85	General hand	40.65
Machinist, 2nd class	46.30	Confectionery—	
Motor mechanic	54.85	Confectioner	45.35
Process worker	40.75	Flour milling—	
Sheet metal worker, 1st class	54.85	Miller	55.40
Sheet metal worker, 2nd class	46.30	Storeman	46.60
Toolmaker	58.25	Jam, fruit and vegetable preserving—	
Tradesman's assistant	40.30	General hand	40.40
Welder, 1st class	54.85	Meat industry—	
Iron and steel—		Labourer (beef)	45.45
Rolling mill (merchant)—		Labourer (mutton)	42.80
Mill operative	(g) 48.20	Slaughterman (beef)	56.50
Motor vehicle manufacture—		Slaughterman (mutton)	56.50
Assembler	41.45	Pastry cooking—	
Bodymaker, 1st class	54.85	Pastry cook	46.15
Panel beater	54.85	Sugar refining—	
Sprayspainter	53.05	General factory hand	40.65
Railway workshops—		Sawmilling, furniture, etc.—	
Car and wagon builder	54.85	Furniture making—	
Car cleaner	39.05	Assembler	45.60
Fitter or turner	54.85	French polisher	54.85
Labourer	37.70	Wood machinist	45.10
Tradesman's assistant	40.80	Wood turner	54.85
Shipbuilding (h)—		Sawmilling and timber yards—	
Boilermaker	54.85	Benchman No. 1	52.65
Fitter or turner	54.85	Dockerman and tally man	38.90
Ironworker's assistant	40.30	Labourer	38.90
Painter and docker	44.55	Machinist, A grade	52.65
Textiles, clothing and footwear—		Machinist, B grade	43.85
Clothing trades (ready-made)—		Orderman	44.65
Cutter	48.00	Puller out	39.15
Presser	45.30	Sawyer (band or jig)	43.30
Tailor	47.05	Sawyer (circular)	44.35
Footwear—		Timber stacker	39.40
Clicking	45.65	Paper, printing, etc.—	
Finishing	45.65	Printing (general)—	
Making	45.65	Bookbinder	54.85
Stuffcutting	45.65	Compositor (hand)	54.85
Textiles (knitting)—		Compositor (machine)	59.80
Assistant foreman	49.05	General hand	38.90
Knitter	42.50	Letterpress rotary machinist	54.85
Operator, full fashioned machine	43.90	Storeman	44.25

No. 3—Minimum Rates of Wages payable to Adult Workers at 30 June 1969—continued

ADULT MALES—continued

Industry and occupation	Wages	Industry and occupation	Wages
Printing (newspapers)—	\$	Road and air transport—	\$
Assistant machinist— Day work	(i) 58.40	Air transport—	
Night work	(j) 65.40	Clerk	55.75
Hand compositor— Day work	(i) 68.60	Ground engineer	56.85
Night work	(j) 75.60	Loader, porter	42.10
Machine compositor— Day work	(i) 73.25	Road transport—	
Night work	(j) 80.25	Assistant	38.50
Machinist— Day work	(i) 68.60	Motor truck driver—	
Night work	(j) 75.60	25 cwt or less	44.05
Proof reader— Day work	(i) 68.60	Over 25 cwt and under 3 tons	45.55
Night work	(j) 75.60	Over 3 tons and under 6 tons	47.15
Publishing hand— Day work	(i) 55.55	Tramways and buses—	
Night work	(j) 62.55	Bus driver (1 man operator)	53.75
Other manufacturing—		Bus driver (other)	51.25
Brick making—		Conductor	41.30
Burner	42.95	Vehicle cleaner	39.10
Drawer	43.85	Shipping and stevedoring—	
Labourer	40.80	Shipping (cargo vessels)—	
Setter	43.85	Able seaman (l) (m)	46.70
Cement goods making—		Stevedoring—	
Moulder	41.25	Wharf clerk (per hour) (n)	1.62
Chemical workers—		Wharf labourer (per hour) (n)	1.59
Factory hand	38.00	Wharf labourer (permanent ports)	55.45
Electricity generation and supply—		Communication—	
Conveyor attendant	46.85	Post Office—	
Electrical fitter	59.85	Mail officer	48.27
Fireman	52.50	Postal officer (grade 2)	48.27
Fitter or turner	59.85	Postman	47.10
Linesman	54.50	Telephone services—	
Engine driving—		Lineman (grade 1)	44.83
Crane driver	(k) 48.05	Technician	56.85
Fireman	(k) 43.65	Technician's assistant	47.45
Stationary engine driver (steam)	(k) 46.65	Wholesale and retail trade—	
Gas making and supply—		Butchers—	
Gas fitter	49.15	General butcher	53.50
Labourer	40.05	Commercial travellers—	
Retrot operator	45.30	Commercial traveller (o)	51.45
Glass making—		Petrol service stations—	
General hand	43.95	Attendant	39.40
Paint manufacture—		Retail stores—	
Labourer	45.00	Clerk	53.00
Paint mixer	48.10	Motor truck driver—	
Pharmaceutical preparations—		25 cwt or less	44.05
General hand	39.75	Over 25 cwt and under 3 tons	45.55
Plastic moulding—		Shop assistant—	
Operator of plastic press	41.25	Drapery	43.67
Rubber goods—		Grocery	44.65
Builder (pneumatic tyre)	42.05	Hardware	44.65
Moulder	40.85	Storeman	43.60
Operator (calendar)	48.55	Wholesale warehouses—	
Operator (forcing machine)	40.85	Adult male	43.85
Operator (vulcanising press)	42.05	Wool stores—	
Others	39.05	Storeman	47.95
Tanning of leather, etc.—		Wool classer	53.45
Leather dresser	46.75	Public administration and community and business services—	
Table hand	46.75	Hospitals—	
Building and construction—		Cook	46.35
Building—		Kitchenman	41.45
Bricklayer	63.22	Orderly	40.40
Builder's labourer (skilled)	56.66	Porter	40.40
Builder's labourer (unskilled)	47.23	Other services—	
Carpenter	63.62	Graduate engineer	70.85
Electrician, installation	57.10	Graduate scientist	65.06
Painter	62.92	Amusement, hotels, personal service, etc.—	
Plasterer	63.27	Commercial broadcasting—	
Plumber	63.42	Announcer	49.75
Roof tiler	52.35	Hairdressing (men's)—	
Road and bridge construction and maintenance—		Hairdresser	44.45
Grader driver (municipal)	50.65	Hotels (p)—	
Labourer (municipal)	39.55	Barman	45.45
Water supply and sewerage—		Cook (first)	46.00
Labourer	43.05	Cook (all others)	43.05
Maintenance man	45.55	Porter (day)	40.35
Railway services—		Waiter	41.55
Permanent way—		Restaurants (p)—	
Fettler, labourer, etc.	37.70	Cook (single)	44.75
Ganger, fettling gang	46.35	Pantryman	40.35
Traffic—		Watchmen, cleaners, etc.—	
Guard	47.70	Lift attendant	38.90
Locomotive cleaner	38.85	Office cleaner (day)	39.45
Locomotive engine driver	51.70	Watchman	42.30
Locomotive fireman	41.00		
Porter	40.15		
Shunter, ordinary	42.45		
Signalman	42.45		

For footnotes, see end of table.

WAGES

**No. 3—Minimum Rates of Wages payable to Adult Workers at 30 June 1969—continued
ADULT FEMALES**

Industry and occupation	Wages	Industry and occupation	Wages
Engineering, metals, vehicles, etc.—	\$	Other manufacturing—	\$
Engineering (general)—		Leather goods manufacture—	
Process worker	32.38	Leather handbags, etc.	33.88
Textiles, clothing and footwear—		Pharmaceutical preparations—	
Dry cleaning—		Filler	29.38
Presser	44.85	General hand	29.38
Receiver and dispatcher	30.05	Rubber goods—	
Spotter	32.55	Adult female	29.75
Other adults	28.45	Soap—	
Footwear—		General hand	31.88
Adult female	31.95	Transport and communication—	
Order dressmaking—		Post Office—	
Cutter	41.75	Monitor	(q) 45.71
Machinist	33.45	Telephonist	(j) 37.12
Order tailoring (men's)—		Wholesale and retail trade—	
Coat machinist or table hand	34.65	Retail stores—	
Cutter	51.55	Clerk	35.00
Tailoress	38.75	Ledger machine operator	36.00
Trouser machinist or table hand	32.00	Shop assistant (confectionery)	35.30
Ready made clothing (men's)—		Shop assistant (drapery)	35.30
Coat machinist or table hand	32.55	Switchboard attendant	36.00
Cutter	48.00	Public administration and community and business services—	
Examiner	35.10	Commonwealth Public Service (q)—	
Head of table	34.75	Accounting machinist (grade 1)	39.56
Presser	45.30	Typist	39.56
Trouser machinist or table hand	31.55	Stenographer (grade 1)	42.36
Ready made dressmaking—		Hospitals—	
Cutter	39.70	Cook	37.98
Head of table	34.75	Kitchenmaid	30.98
Table hand or machinist	32.55	Laundry worker	30.38
Presser	32.55	Nurse	48.38
Textiles (knitting)—		Nursing aide	33.88
Examiner	30.80	Wardsmaid	30.98
Grader	30.80	Amusement, hotels, personal service, etc.—	
Machinist	31.50	Cleaners—	
Welter and/or overlocker	31.25	Office cleaner (day)	32.18
Textiles (woollen)—		Hairdressing—	
Gillbox attendant	30.80	Hairdresser	40.00
Mender	31.30	Hotels (p)—	
Weaver	31.80	Barmaid	45.45
Winder	30.80	Housemaid	33.18
Food, drink and tobacco—		Kitchenmaid	33.18
Biscuit and cake making—		Waitress	33.18
Adult female	30.28	Restaurants (p)—	
Confectionery—		Pantrymaid	32.93
General hand	30.08	Waitress	33.18
Jam, fruit and vegetable preserving—		Theatres—	
General hand	30.28	Usher, ticket taker, etc.	(j) 34.80
Paper, printing, etc.—			
Printing (general)—			
Bookbinder	32.20		
Cardboard box machinist	31.30		
General hand	30.20		
Packer	31.05		

(a) No limitation of hours prescribed. (b) Without keep. (c) Per week of 44 hours. (d) Shearers' hours are 40 a week; shed hands' hours are the same as shearers, with such additional time as may be necessary to finish picking up fleeces, etc. Should the time engaged picking up, etc. exceed 30 minutes a day, all time thereafter is paid as overtime. Rates shown are 'not found' rates. 'Found rates' are \$12.39 a week less. (e) An additional amount for attendance allowance is payable for each full fortnightly pay-period worked. (f) Per week of 35 hours. (g) Industry located at Kwinana. (h) Permanent rates. (i) Per week of 38 hours. (j) Per week of 36 hours. (k) Rates shown are those for the sawmilling industry. (l) Rates of wage include keep and accommodation valued at \$5.47 a week. (m) Eight hours a day. (n) Rates of pay are for casuals on other than special cargo work. (o) Local or city. (p) Rates of wage represent the weekly cash payment where board and lodging are not provided. (q) Per week of 36½ hours.

No. 4—Minimum Rates of Wages payable to Apprentices under Awards of Arbitration Authorities and Industrial Agreements in certain Trades at 30 June 1969

Trade	Weekly wages (a)	Trade	Weekly wages (a)
	\$		\$
Baking	13.31-42.27	Painting (including paperhang-ing, glazing, decorating and signwriting)	13.21-41.80
Boilermaking	13.13-41.55	Pastrycooking	13.13-41.55
Bootmaking (Federal award)....	13.75-40.30	Plumbing	13.38-42.30
Butchering	13.13-41.55	Printing trade—	
Carpentering	13.41-42.40	Job printing (Federal award)	17.85-46.65 (c)
Vehicle building	13.13-41.55	Newspaper printing	22.85-68.05 (b)
Engineering (metal trades)	13.13-41.55	Sawmill engineering	13.13-41.55 (b)
Furniture making	13.13-41.55	Sheet metal working	13.13-41.55
Glazing	13.20-41.75 (b)	Tailoring (Federal award)—	
Hairdressing (men's)	12.41-39.27 (c)	Male	11.45-38.15 (b)
Hairdressing (ladies')—		Female	13.35-27.45 (e)
Male	13.60-43.00 (c)	Timber machining (metropolitan)	13.13-41.55 (b)
Female	12.20-34.40 (c)	Watchmaking	13.13-41.55 (d)
Jewellery	13.13-41.55 (d)		
Moulding	13.13-41.55		
Optical works	13.13-41.55 (b)		

(a) Three, four and five years' apprenticeship unless otherwise shown. (b) Five years. (c) Four and five years. (d) Six years. (e) Four years.

No. 5—Weighted Average Minimum Weekly Wage Rates: Industrial Groups

(See NOTE at head of Table 6)

(\$)

ADULT MALES

End of June—	Mining and quarry- ing	Manufacturing							Building and construc- tion
		Engin- eering, metals, vehicles, etc.	Textiles, clothing, and foot- wear	Food, drink, and tobacco	Saw- milling, furniture, etc.	Paper, printing, etc.	Other manufac- turing	All manu- facturing groups	
1939	12.22	10.25	9.62	10.04	9.70	11.32	9.59	10.01	10.00
1945	14.38	12.42	11.61	11.94	11.57	13.26	11.58	12.04	11.78
1960	37.92	35.46	33.96	35.12	34.23	39.91	33.97	35.03	34.80
1961	39.29	36.75	34.74	36.38	35.62	41.12	35.32	36.33	36.10
1962	39.58	36.70	35.32	36.52	35.60	41.38	35.54	36.41	36.05
1963	40.02	37.39	36.11	37.12	35.74	42.57	35.95	36.96	36.21
1964	40.97	38.11	37.52	38.11	36.72	43.75	36.90	37.86	37.76
1965	41.98	39.24	38.23	39.22	37.89	44.73	38.22	39.02	39.22
1966	43.74	42.20	39.67	41.65	40.57	46.38	40.38	41.56	43.91
1967	45.67	44.11	41.98	43.54	42.69	50.36	42.06	43.56	45.29
1968	48.37	45.75	42.82	44.82	43.79	53.01	43.49	45.04	46.59
1969	50.09	49.38	45.51	47.94	46.88	57.90	46.65	48.44	49.49

ADULT MALES

End of June—	Railway services	Road and air transport	Shipping and steve- doring	Communi- cation	Wholesale and retail trade	Public author- ity (n.e.i.) and community and business services	Amuse- ment, hotels, personal service, etc.	All indus- trial groups	
1939	9.52	10.02	8.72	9.75	9.98	9.06	9.81	10.02	
1945	11.54	11.93	11.62	12.33	11.85	11.01	11.50	12.02	
1960	33.55	34.78	33.85	38.17	35.00	33.57	33.66	35.03	
1961	34.86	36.46	34.21	38.26	36.23	34.56	34.71	36.24	
1962	34.85	36.67	35.26	39.47	36.34	34.72	34.93	36.39	
1963	35.32	36.98	35.87	40.93	37.18	35.32	35.25	36.94	
1964	36.35	37.98	38.24	42.96	38.18	36.37	36.48	38.08	
1965	37.46	39.32	38.41	45.30	39.20	37.99	37.48	39.29	
1966	40.17	42.29	39.85	47.55	41.71	39.79	39.16	42.06	
1967	41.86	44.60	42.95	51.55	43.63	42.34	40.69	44.03	
1968	42.68	45.81	49.11	55.75	44.47	43.86	42.22	45.61	
1969	45.40	49.22	53.18	58.86	47.09	45.51	44.87	48.53	

ADULT FEMALES (a)

End of June—	Manufacturing					Trans- port and commu- nication	Whole- sale and retail trade	Public author- ity (n.e.i.) and community and business services	Amuse- ment, hotels, personal service, etc.	All indus- trial groups
	Engin- eering, metals, vehicles, etc.	Textiles, clothing, and foot- wear	Food, drink, and tobacco	Other manufac- turing	All manu- facturing groups					
1951	14.45	15.05	12.82	13.94	14.22	14.72	13.87	12.83	14.51	13.95
1960	24.52	24.08	22.68	23.62	23.71	24.88	24.35	23.89	26.14	24.43
1961	25.49	24.59	24.12	24.78	24.63	25.97	25.47	25.03	27.01	25.47
1962	25.46	25.29	24.08	25.16	25.01	26.54	25.54	25.17	27.14	25.66
1963	26.23	25.78	24.53	25.70	25.52	27.32	26.79	25.51	27.25	26.39
1964	26.53	27.03	25.25	26.38	26.42	28.84	27.35	26.62	28.18	27.22
1965	27.32	27.20	26.14	26.96	26.96	30.70	28.04	27.45	29.02	27.99
1966	28.51	27.85	27.73	28.20	27.98	32.00	29.82	28.96	30.38	29.45
1967	30.72	29.96	29.34	30.12	29.94	34.15	31.63	30.65	31.59	31.20
1968	31.82	30.96	30.32	31.38	30.95	35.35	32.95	31.67	33.91	32.55
1969	34.38	32.84	32.45	33.43	33.19	39.47	35.03	33.11	35.80	34.66

n.e.i. denotes 'not elsewhere included'.

(a) Series commenced 1951.

No. 6—Weighted Average Minimum Weekly and Hourly Wage Rates

NOTE. The minimum wage rates and index numbers in the following table embrace a representative range of occupations and are based on the occupation and industry structures in 1954. The weekly wage rates shown in the table and used in the compilation of the indexes are the lowest rates payable for a full week's work (excluding overtime), as prescribed in representative industrial awards, determinations, and agreements. The hourly wage rates are obtained by relating the weekly wage rates and the weekly hours of work prescribed in awards, etc. The rural industries are excluded from the table.

The wage rates shown should not be regarded as actual current averages, but as indexes expressed in money terms, indicative of trends.

A more detailed description of the Minimum Wage Rate Index and tables giving figures for additional dates are published in the mimeographed statement *Minimum Wage Rates, March 1939 to June 1965* issued by the Commonwealth Statistician, Canberra.

End of June—	Weekly wage rates		Hourly wage rates		Index numbers (a)			
	Adult males	Adult females (b)	Adult males (c)	Adult females (b)	Weekly wage rates		Hourly wage rates	
					Males	Females (b)	Males (c)	Females (b)
1939	\$ 10.02	\$ (d)	cents 22.58	cents (d)	35.5	(d)	31.9	(d)
1945	12.02	(d)	27.32	(d)	42.6	(d)	38.6	(d)
1946	12.13	(d)	27.60	(d)	43.0	(d)	39.0	(d)
1947	12.79	(d)	29.09	(d)	45.3	(d)	41.1	(d)
1948	14.35	(d)	35.89	(d)	50.8	(d)	50.7	(d)
1949	15.81	(d)	39.60	(d)	56.0	(d)	56.0	(d)
1950	17.38	(d)	43.57	(d)	61.5	(d)	61.6	(d)
1951	21.86	13.95	54.82	34.99	77.4	70.1	77.5	69.7
1952	26.04	17.47	65.35	43.91	92.2	87.7	92.4	87.5
1953	27.95	18.72	70.15	47.07	99.0	94.1	99.2	93.8
1954	28.38	19.02	71.22	47.82	100.5	95.6	100.7	95.3
1955	29.24	19.24	73.45	48.37	103.5	96.7	103.8	96.4
1956	30.52	20.18	76.67	50.72	108.1	101.3	108.4	101.1
1957	31.78	21.03	79.74	52.87	112.5	105.7	112.7	105.4
1958	31.95	21.13	80.16	53.12	113.1	106.2	113.3	105.9
1959	32.72	21.74	82.04	54.66	115.8	109.2	116.0	108.9
1960	35.03	24.43	87.91	61.42	124.0	122.7	124.3	122.4
1961	36.24	25.47	91.02	64.02	128.3	127.9	128.7	127.6
1962	36.39	25.66	91.32	64.50	128.9	128.9	129.1	128.5
1963	36.94	26.39	92.69	66.34	130.8	132.6	131.0	132.2
1964	38.08	27.22	95.45	68.44	134.8	136.8	134.9	136.4
1965	39.29	27.99	98.55	70.35	139.1	140.6	139.3	140.2
1966	42.06	29.45	105.59	74.02	148.9	147.9	149.2	147.5
1967	44.03	31.20	110.45	78.43	155.9	156.7	156.1	156.3
1968	45.61	32.55	114.08	81.82	161.5	163.5	161.2	163.1
1969	48.53	34.66	121.32	87.12	171.8	174.1	171.5	173.6

(a) Base of series; weighted average weekly wage rate, Australia, 1954 = 100.
 (b) Excludes mining and quarrying; and building and construction.

(c) Excludes shipping and stevedoring.

(d) Not available.

No. 7—Average Weekly Earnings per Employed Male Unit (a)

(\\$)

Year	Quarter				Year
	September	December	March	June	
1959-60	38.60	40.00	37.70	40.50	39.20
1960-61	41.50	42.60	39.50	42.60	41.60
1961-62	42.60	43.90	41.70	43.70	43.00
1962-63	44.10	45.30	42.60	45.00	44.20
1963-64	46.60	49.80	44.70	47.60	47.20
1964-65	48.10	51.80	46.40	51.60	49.50
1965-66	53.10	55.50	52.40	55.30	54.10
1966-67	57.90	59.50	56.80	59.00	58.30
1967-68	60.90	63.80	60.80	64.30	62.50
1968-69	64.70	68.50	65.60	69.40	67.20

(a) Based on employment and salaries and wages recorded on Pay-roll Tax returns and from other direct collections and estimates. Particulars of wages and salaries paid are not available for males and females separately from these sources and average weekly earnings have therefore been calculated in terms of 'male units'. Male units represent total male employment plus a proportion of female employment based on the approximate ratio of female to male earnings in Australia. 'Earnings' include salaries, wages at award rates, overtime earnings and over-award and bonus payments.

NOTE. Quarterly figures are affected by seasonal influences. Comparisons as to trend are therefore best made by relating complete years or corresponding quarters. However, from December quarter 1963, comparisons with corresponding quarters of earlier years are affected by additional prepayments arising from extensions of annual leave from two to three weeks.

EMPLOYMENT

NOTE. In addition to the employment data appearing in this publication, details of the numbers of persons engaged in particular activities are given elsewhere in Parts of the *Statistical Register of Western Australia* (for statistics to 1967-68). Part IV, for example, shows the numbers employed in railway operations, road passenger transport and ferry services and post, telegraph and telephone services. Part V gives details of employment on rural holdings and in fishing and pearling; Part VI, in factories; Part VII, in mining and quarrying; Part IX, in hospitals and infant health services; and Part X, in educational institutions. For statistics from 1968-69, details appear in the relevant new publications which replace the various Parts of the Statistical Register, or Economic Census bulletin, as indicated on page 2. Statistics of employment generally are given also in the Western Australian Year Book.

(In accordance with the requirements of the Australian Constitution (as provided by section 127, repealed with effect from 10 August 1967), particulars of full-blood Aborigines are excluded from all tables in this Section which contain information compiled from census schedules.)

The most detailed and comprehensive statistics of employment of the population are those which are derived from the periodic Population Census. Among the most useful of the tabulations based on these enumerations are those which classify the population according to industry and occupational status.

THE WORK FORCE

It is customary in modern census practice to distinguish between the economically active and inactive sectors of the community on the basis of those 'In the Work Force' and those 'Not in the Work Force'.

The *work force* comprises all persons engaged in an industry, business, trade, or service, and includes persons who were not working at the time of the census. It includes employers, the self-employed (*i.e.* persons working on own account but not employing others), employees on wage or salary, and unpaid helpers (other than those usually working in such activities for less than fifteen hours per week).

Persons *not in the work force* include children not attending school; full-time students and children attending school; persons of independent means; those engaged in home duties; pensioners and annuitants; and inmates of institutions.

The comprehensive tables resulting from the census include detailed analyses of the work force according to such characteristics as age, marital status, religion, birthplace, occupational status, industry and occupation. Only a selection of the tables relating to occupational status, industry and occupation have been included in this section.

The 1966 Census work force statistics are not strictly comparable with those of earlier censuses. For a detailed explanation of the new approach adopted at the 1966 Census, the reader is referred to *Census Bulletin No. 5.1—Summary of Population: Western Australia*, issued November 1967 by the Commonwealth Statistician, Canberra. The net effect of the new definition is to include approximately 8,100 additional persons in the Western Australian work force, a proportional increase of approximately 2.4 per cent.

Classification according to Industry

For census purposes, industry may be defined as any single branch of productive activity, trade or service. It is concerned with the activities of persons, firms or businesses considered as a group producing the same commodity, performing the same process or providing the same service. All persons engaged in any such branch of economic activity are classified industrially as belonging to that particular branch irrespective of their personal occupation within the industry. Examples are: Mining, which includes, in addition to miners and prospectors, such persons as laboratory technicians, transport workers and office staff employed by mining companies; Shipping, which covers staff members of shipping companies and agencies, as well as ships' crews; professional activities such as Medicine, Law and Architecture which include not only qualified practitioners but also persons employed by them as, for example, receptionists, law clerks and draftsmen.

Classification according to industry at the 1966 Census has been made on the basis of the *Classification and Classified List of Industries—Revised: June 1966*, published by the Commonwealth Statistician, Canberra. The Classification divides the work force into 14 Major Groups which, in turn, are divided into 53 Sub-groups and 342 Industry Categories.

It should be noted that the particulars shown under *Public Authority Activities (n.e.i.)* are residual figures comprising those persons in the administrative sphere of general government, local government and foreign consular services who have not been classified elsewhere. They do

not, therefore, represent the total number of persons engaged in or attached to all fields of government service, Commonwealth, State or Local. For example, employees of the Railways Commission have been assigned, in accordance with evidence contained in their census schedules, to Railway workshops in the sub-group *Manufacture, Assembly and Repair of Ships, Vehicles, Parts and Accessories*; to Motor bus services in the sub-group *Road Transport*; to Construction and maintenance of permanent way in the sub-group *Construction Works and Maintenance (other than Buildings)* or to Rail services under *Rail and Air Transport*. Further examples of this allocation of government workers to industries other than *Public Authority Activities (n.e.i.)* are provided by Departments such as Education, Public Works, Postmaster-General's, Repatriation, and local government authorities.

Classification according to Occupational Status

Occupational status of persons classified as in the work force at Population Census dates covers two broad groups; those at work and those not at work (*i.e.* unemployed). The first group comprises employers, self-employed persons, employees (on wage or salary), and unpaid helpers. The category 'unemployed' includes those who stated that they were usually engaged in work, but were not actively seeking a job at the time of the census by reason of sickness, accident, etc., or because they were on strike, changing jobs, or temporarily laid off, etc. It also includes persons able and willing to work but unable to secure employment, as well as casual and seasonal workers not actually in a job at the time of the census. The numbers shown as 'unemployed' in Table 11, therefore, do not represent the number of unemployed available for work and unable to obtain it.

Classification according to Occupation

Occupation is defined as the nature of the work which a person performs, and implies *personal performance*. It may be based on the material treated, the process carried out or the type of service rendered by an *individual worker*. Thus the occupation of a person is the kind of work that he or she personally performs, as distinct from industry, which is defined as any single *branch of productive activity, trade or service* and is not concerned with the nature of personal performance.

The Classification of Occupations used in the tabulation of the 1966 Census data has been adapted from and closely adheres to the principles embodied in the International Standard Classification of Occupations issued by the International Labour Office, Geneva, 1958. The International Standard Classification of Occupations was prepared after extensive discussions and research by world experts in this field, to provide an adequate classification framework for countries interested in occupational classification, and, at the same time, provide a basis for international comparison of occupational data obtained mainly from Censuses of Population.

The Australian Classification of Occupations contains 11 Major Groups, 72 Minor Groups and 313 Occupation Categories. In accordance with the International Standard Classification, occupations have been grouped by the general similarity of the characteristics of the work they entail. The most important feature of each minor group is that the occupations included are more closely related to each other than to occupations outside the minor group as regards the functions involved and the skills, knowledge and abilities required for satisfactory performance. Other factors taken into consideration in forming these groups have been material worked on, workplace environment, use of specialised equipment, etc.

The data appearing in Table 13 are restricted to the 11 Major Groups and the 72 Minor Groups of the Australian Classification of Occupations. Complete descriptions of Major Groups, Minor Groups and Categories, together with a list of occupation tables included under each heading, are contained in the *Classification and Classified List of Occupations—Revised: June 1966*, published by the Commonwealth Statistician, Canberra.

ESTIMATES OF EMPLOYMENT

In addition to employment data provided by the census, there are available monthly estimates of the number of wage and salary earners in civilian employment, excluding employees in agriculture and private domestic service. The prime purpose of this series is to measure, as nearly as possible with available data, *current monthly trends* in employment in the defined field.

The figures shown in this section are part of a new series and, except those relating to government employment, are based on employment data derived from the Population Census of 30 June 1966. Consequently, the figures are not comparable with estimates published previously in Part XII of the Statistical Register. The statistics have been taken from publications issued by the Commonwealth Statistician, Canberra, which give particulars for each of the Australian States. Figures for the period from June 1966 to June 1969 appear in *Employed Wage and Salary Earners: June 1966 to June 1969*, and those for later months in the monthly release *Employment and Unemployment*.

The statistics shown for June 1966 are referred to as 'benchmarks'. For the period from July 1966 the figures shown are estimates designed to measure month-to-month changes in the sector of employment to which the benchmarks relate.

Between population censuses the employment data are obtained from three main sources: (i) current Pay-roll Tax returns, which are lodged by all employers paying more than \$400 per week in wages, other than those specifically exempted under the *Pay-roll Tax Assessment Act 1941-1969*; (ii) current returns from government bodies; and (iii) some other current returns of employment (*e.g.* for hospitals). The balance, *i.e.* unrecorded private employment, is estimated.

The figures relate only to civilian wage and salary earners, not to the total labour force. They therefore exclude employers, self-employed persons, unpaid helpers and members of the defence forces. Employees in agriculture and in private domestic service are not included in the estimates because the available data are inadequate.

The new series of estimates are generally at higher levels than the old, for two reasons: (a) the adoption of a new definition of the labour force in the 1966 Population Census, from which the benchmarks for the new series were derived and (b) the inclusion of full-blood Aborigines. The new definition resulted in the inclusion of a considerable number of part-time employees (mostly females) who had previously been excluded.

The benchmark figures were derived from particulars recorded for individuals on population census schedules, while the estimated monthly changes are derived mainly from reports supplied by employers, relating to enterprises or establishments. Because the two sources differ in some cases in the reporting of industry, the industry dissection of the census totals has been adjusted to conform as closely as possible to an establishment reporting basis. The industry classification used in preparing the estimates is that of the Population Census of 30 June 1966.

Current data supplied by reporting enterprises or establishments generally refer to persons on the pay-roll for the last pay-period in each month. Persons who are on paid leave or who work during part of the pay-period and are unemployed or on strike during the rest of the period are generally counted as employed. Those not shown on employers' pay-rolls because they are on leave without pay, on strike or stood down for the entire period are excluded.

Particulars of employment obtained from other collections, such as the annual manufacturing census and periodic censuses and sample surveys of retail establishments, are used to check and, where desirable, to revise estimates in relevant sections. For this reason some of the figures in Tables 14 and 15 are subject to revision as the results of later censuses and surveys become available.

In due course the estimates for periods prior to the Census of June 1966 will be revised, but on a basis comparable with that of the 1961 Census benchmarks, the information needed to revise these benchmarks on the 1966 Census basis not being available.

Employees of government and semi-government authorities are included in the figures shown in Tables 14 and 15. Estimates of the numbers employed by Commonwealth, State, and local government authorities are available separately and are published in Table 16.

All estimates have been rounded to thousands (correct to the first place of decimals) without adjustment to totals. For this reason, figures do not in all cases add to the totals shown.

No. 8—Work Force classified according to Industry Group: Census, 30 June 1966

Industry group		Males	Females	Persons
Primary production ...	...	36,964	6,474	43,438
Mining and quarrying	...	8,021	310	8,331
Manufacturing	...	50,545	10,348	60,893
Electricity, gas, water, and sanitary services	...	5,508	346	5,854
Building and construction	...	33,886	1,181	35,067
Transport and storage	...	22,118	1,784	23,902
Communication	...	5,698	1,341	7,039
Finance and property	...	7,351	4,417	11,768
Commerce	...	36,875	24,201	61,076
Public authority (n.e.i.) and defence services	...	10,886	3,052	13,938
Community and business services (including professional) (a)	...	17,822	24,372	42,194
Amusement, hotels and office accommodation, cafes, personal service, etc.	...	8,175	12,373	20,548
Other industries	...	7	1	8
Industry inadequately described or not stated	...	2,299	3,224	5,523
Total in work force	...	246,155	93,424	339,579

PROPORTION OF TOTAL WORK FORCE (per cent)

Primary production...	15.02	6.93	12.79
Mining and quarrying	3.26	0.33	2.45
Manufacturing	20.53	11.08	17.93
Electricity, gas, water and sanitary services	2.24	0.37	1.72
Building and construction	13.77	1.26	10.33
Transport and storage	8.99	1.91	7.04
Communication	2.31	1.44	2.07
Finance and property	2.99	4.73	3.47
Commerce	14.98	25.90	17.99
Public authority (n.e.i.) and defence services	4.42	3.27	4.10
Community and business services (including professional) (a)	7.24	26.09	12.43
Amusement, hotels and other accommodation, cafes, personal service, etc.	3.32	13.24	6.05
Other industries	0.00	0.00	0.00
Industry inadequately described or not stated	0.93	3.45	1.63
Total in work force	100.00	100.00	100.00

n.e.i. denotes 'not elsewhere included'.

(a) Includes police, fire brigades, hospitals, medical and dental services, education, and business services such as consultant engineering and surveying, accountancy and auditing, industrial and trade associations, advertising, etc.

No. 9—Industry of the Population: Census, 30 June 1966

Industry group and sub-group (a)	Males	Females	Persons		
			Number	Percentage of—	
				Work force	Population
Primary production—					
Rural industries	34,267	6,375	40,642	11·97	4·86
Other primary production (b)	2,697	99	2,796	0·82	0·33
Total, Primary production	36,964	6,474	43,438	12·79	5·19
Mining and quarrying	8,021	310	8,331	2·45	1·00
Manufacturing—					
Cement, bricks, glass and stone	3,507	289	3,796	1·12	0·45
Founding, engineering and metal working	14,795	1,606	16,401	4·83	1·96
Manufacture, assembly and repair of ships, vehicles, parts and accessories	8,337	369	8,706	2·56	1·04
Food, drink and tobacco	7,112	2,610	9,722	2·86	1·16
Sawmilling, wood products (other than furniture)	5,057	316	5,373	1·58	0·64
Paper and paper products, printing, packaging, book-binding and photography	3,610	1,396	5,006	1·47	0·60
Other and undefined	8,127	3,762	11,889	3·50	1·42
Total, Manufacturing	50,545	10,348	60,893	17·93	7·28
Electricity, gas, water and sanitary services (production, supply and maintenance)	5,508	346	5,854	1·72	0·70
Building and construction—					
Construction and repair of buildings	20,625	931	21,556	6·35	2·58
Construction works (other than buildings)	13,261	250	13,511	3·98	1·61
Total, Building and construction	33,886	1,181	35,067	10·33	4·19
Transport and storage—					
Road transport	8,648	972	9,620	2·83	1·15
Rail and air transport	7,614	518	8,132	2·39	0·97
Other transport; storage	5,856	294	6,150	1·81	0·74
Total, Transport and storage	22,118	1,784	23,902	7·04	2·86
Communication	5,698	1,341	7,039	2·07	0·84
Finance and property—					
Banking	3,398	1,674	5,072	1·49	0·61
Insurance	2,003	1,413	3,416	1·01	0·41
Other finance and property	1,950	1,330	3,280	0·97	0·39
Total, Finance and property	7,351	4,417	11,768	3·47	1·41
Commerce—					
Wholesale trade	13,774	4,612	18,386	5·41	2·20
Livestock and primary produce dealing, etc.	3,365	727	4,092	1·21	0·49
Retail trade	19,736	18,862	38,598	11·37	4·61
Total, Commerce	36,875	24,201	61,076	17·99	7·30
Public authority (n.e.i.) and defence services—					
Public authority activities (n.e.i.)	8,138	2,873	11,011	3·24	1·32
Defence	2,748	179	2,927	0·86	0·35
Total, Public authority (n.e.i.) and defence services	10,886	3,052	13,938	4·10	1·67
Community and business services (including professional)—					
Health, hospitals, etc.	4,295	12,084	16,379	4·82	1·96
Education	6,477	7,969	14,446	4·25	1·73
Other (including professional)	7,050	4,319	11,369	3·35	1·36
Total, Community and business services	17,822	24,372	42,194	12·43	5·04
Amusement, hotels and other accommodation, cafes, personal service, etc.—					
Amusement, sport and recreation	2,737	1,234	3,971	1·17	0·47
Hotels, boarding houses and other accommodation and restaurants	3,171	6,616	9,787	2·88	1·17
Other personal services	2,267	4,523	6,790	2·00	0·81
Total, Amusement, hotels and other accommodation, cafes, personal service, etc.	8,175	12,373	20,548	6·05	2·46
Other industries and industry inadequately described (c)	2,306	3,225	5,531	1·63	0·66
Grand Total—Persons in the work force	246,155	93,424	339,579	100·00	40·59
Persons not in the work force	180,536	316,558	497,094	....	59·41
TOTAL POPULATION	426,691	409,982	836,673	....	100·00

(n.e.i. denotes 'not elsewhere included').

(a) Only those sub-groups in which more than 1 per cent of the work force (equivalent to 3,396 persons) were recorded are shown separately. (b) Comprises *Fishing; Hunting and trapping; and Forestry*. (c) Includes *Industry not stated*.

No. 10—Industry of the Work Force: Census, 30 June 1966
Classification according to Statistical Division

Statistical Division	Primary (including mining and quarrying)	Manufacturing	Building and construction	Transport, storage and communication	Commerce	Community and business services (a)	Amusement, hotels, cafes, etc. (b)	Other industries (c)	Total (all industries)
----------------------	------------------------------------------	---------------	---------------------------	--------------------------------------	----------	-------------------------------------	------------------------------------	----------------------	------------------------

MALES

Perth Statistical Division	5,921	41,653	19,959	17,973	27,861	13,809	5,921	20,367	153,464
Other Divisions—									
South-West	7,138	4,125	2,430	2,011	2,240	916	557	1,562	20,979
Southern Agricultural	6,411	1,280	1,520	1,182	1,780	564	321	716	13,774
Central Agricultural	8,958	1,260	2,367	1,718	2,104	794	385	1,125	18,711
Northern Agricultural	6,330	725	1,397	1,050	1,309	530	311	659	12,311
Eastern Goldfields	5,594	625	1,314	989	985	563	321	692	11,083
Central	889	28	164	106	58	44	35	72	1,396
North-West	1,130	207	1,686	255	181	220	146	224	4,049
Pilbara	1,445	91	2,247	285	158	148	101	207	4,682
Kimberley	1,126	501	772	410	178	211	68	316	3,582
Total	39,021	8,842	13,897	8,006	8,993	3,990	2,245	5,573	90,567
Total, all Divisions	44,942	50,495	33,856	25,979	36,854	17,799	8,166	25,940	244,031
Migratory (d)	43	50	30	1,837	21	23	9	111	2,124
Total males in work force	44,985	50,545	33,886	27,816	36,875	17,822	8,175	26,051	246,155

FEMALES

Perth Statistical Division	1,249	9,234	919	2,049	18,619	18,918	8,269	8,814	68,071
Other Divisions—									
South-West	1,067	379	52	242	1,524	1,385	914	589	6,152
Southern Agricultural	1,151	319	40	171	978	835	626	356	4,476
Central Agricultural	1,643	116	47	232	1,192	1,134	765	442	5,571
Northern Agricultural	836	102	31	173	755	712	617	303	3,529
Eastern Goldfields	325	75	21	88	757	763	563	294	2,886
Central	103	3	2	19	46	86	120	24	403
North-West	208	57	32	30	121	143	196	71	858
Pilbara	85	3	20	26	79	117	126	52	508
Kimberley	110	39	17	62	121	259	167	69	844
Total	5,528	1,093	262	1,043	5,573	5,434	4,094	2,200	25,227
Total, all Divisions	6,777	10,327	1,181	3,092	24,192	24,352	12,363	11,014	93,298
Migratory (d)	7	21	....	33	9	20	10	26	126
Total females in work force	6,784	10,348	1,181	3,125	24,201	24,372	12,373	11,040	93,424

PERSONS

Perth Statistical Division	7,170	50,887	20,878	20,022	46,480	32,727	14,190	29,181	221,535
Other Divisions—									
South-West	8,205	4,504	2,482	2,253	3,764	2,301	1,471	2,151	27,131
Southern Agricultural	7,562	1,599	1,560	1,353	2,758	1,399	947	1,072	18,250
Central Agricultural	10,601	1,376	2,414	1,950	3,296	1,928	1,150	1,567	24,282
Northern Agricultural	7,166	827	1,428	1,223	2,064	1,242	928	962	15,840
Eastern Goldfields	5,919	700	1,335	1,077	1,742	1,326	884	986	13,969
Central	992	31	166	125	104	130	155	96	1,799
North-West	1,338	264	1,718	285	302	363	342	295	4,907
Pilbara	1,530	94	2,267	311	237	265	227	259	5,190
Kimberley	1,236	540	789	472	299	470	235	385	4,426
Total	44,549	9,935	14,159	9,049	14,566	9,424	6,339	7,773	115,794
Total, all Divisions	51,719	60,822	35,037	29,071	61,046	42,151	20,529	36,954	337,329
Migratory (d)	50	71	30	1,870	30	43	19	137	2,250
Total persons in work force	51,769	60,893	35,067	30,941	61,076	42,194	20,548	37,091	339,579

(a) Including Professional. (b) Includes Private domestic service and Other personal services. (c) Comprises Electricity, gas, water and sanitary services (production, supply and maintenance); Finance and property; Public authority (n.e.i.) and defence services; and Industry inadequately described or not stated. (d) Comprises persons (both passengers and crew) who, at midnight on census night, were enumerated on board ships in Western Australian ports, or ships which had left Australian ports before census night for ports in Western Australia. It includes also those who were enumerated on long-distance trains, motor coaches or aircraft.

No. 11—Population classified according to Occupational Status
Census, 30 June 1966

Occupational status	Males	Females	Persons	Percentage of population		
				Males	Females	Persons
In work force—						
Employed—						
Employer	21,383	4,700	26,083	5·01	1·15	3·12
Self-employed	25,136	4,689	29,825	5·89	1·14	3·56
Employee (on wage or salary)	195,704	79,661	275,365	45·87	19·43	32·91
Helper (not on wage or salary)	994	2,310	3,304	0·23	0·56	0·39
Total Employed	243,217 2,938	91,360 2,064	334,577 5,002	57·00 0·69	22·28 0·50	39·99 0·60
Unemployed (a)						
Total in work force	246,155	93,424	339,579	57·69	22·79	40·59
Not in work force—						
Child not at school	48,732	46,195	94,927	11·42	11·27	11·35
Child attending school or full-time student	97,401	90,728	188,129	22·83	22·13	22·49
Mainly dependent on pension or super-annuation	22,374	32,163	54,537	5·24	7·84	6·52
Of independent means	3,626	3,402	7,028	0·85	0·83	0·84
Home duties .... .... .... ....	....	137,269	137,269	....	33·48	16·41
Inmates of institutions	3,094	3,166	6,260	0·73	0·77	0·75
Others not in work force	5,309	3,635	8,944	1·24	0·89	1·07
Total not in work force	180,536	316,558	497,094	42·31	77·21	59·41
GRAND TOTAL	426,691	409,982	836,673	100·00	100·00	100·00

(a) See letterpress on page 11.

No. 12—Industry and Occupational Status of the Work Force: Census, 30 June 1966

Industry group	In work force						Total in the work force	
	Employed				Un- employed			
	Em- ployer	Self- employed	Employee (on wage or salary)	Helper (not on wage or salary)	Total			
MALES								
Primary production	8,260	14,052	13,555	727	36,594	370	36,964	
Mining and quarrying	58	185	7,665	9	7,917	104	8,021	
Manufacturing	2,018	1,347	46,817	49	50,231	314	50,545	
Electricity, gas, water and sanitary services	25	18	5,437	2	5,482	26	5,508	
Building and construction	2,613	3,024	27,758	26	33,421	465	33,886	
Transport and storage	758	2,035	19,168	12	21,973	145	22,118	
Communication ....	....	....	5,680	3	5,683	15	5,698
Finance and property	361	511	6,460	9	7,341	10	7,351	
Commerce	4,392	2,416	29,779	67	36,654	221	36,875	
Public authority (n.e.i.) and defence services ....	....	....	10,843	....	10,843	43	10,886
Community and business services (including professional)	1,519	411	15,777	48	17,755	67	17,822	
Amusement, hotels, cafes, personal service, etc.	1,340	1,072	5,644	29	8,085	90	8,175	
Other (a)	39	65	1,121	13	1,238	1,068	2,306	
Total males in work force	21,383	25,136	195,704	994	243,217	2,938	246,155	
FEMALES								
Primary production	1,248	1,949	1,960	1,294	6,451	23	6,474	
Mining and quarrying	2	1	306	1	310	....	310
Manufacturing	347	271	9,517	84	10,219	129	10,348	
Electricity, gas, water and sanitary services	4	4	334	3	345	1	346	
Building and construction	205	54	862	55	1,176	5	1,181	
Transport and storage	114	139	1,478	45	1,776	8	1,784	
Communication ....	....	....	1,326	3	1,329	12	1,341
Finance and property	51	78	4,250	17	4,396	21	4,417	
Commerce	1,601	1,164	20,884	335	23,984	217	24,201	
Public authority (n.e.i.) and defence services ....	....	....	3,022	....	3,022	30	3,052
Community and business services (including professional)	189	347	23,527	84	24,147	225	24,372	
Amusement, hotels, cafes, personal service, etc.	909	608	10,461	189	12,167	206	12,373	
Other (a)	30	74	1,734	200	2,038	1,187	3,225	
Total females in work force	4,700	4,689	79,661	2,310	91,360	2,064	93,424	
PERSONS								
Primary production	9,508	16,001	15,515	2,021	43,045	393	43,438	
Mining and quarrying	60	186	7,971	10	8,227	104	8,331	
Manufacturing	2,365	1,618	56,334	133	60,450	443	60,893	
Electricity, gas, water and sanitary services	29	22	5,771	5	5,827	27	5,854	
Building and construction	2,818	3,078	28,620	81	34,597	470	35,067	
Transport and storage	872	2,174	20,646	57	23,749	153	23,902	
Communication ....	....	....	7,006	6	7,012	27	7,039
Finance and property	412	589	10,710	26	11,737	31	11,768	
Commerce	5,993	3,580	50,663	402	60,638	438	61,076	
Public authority (n.e.i.) and defence services ....	....	....	13,865	....	13,865	73	13,938
Community and business services (including professional)	1,708	758	39,304	132	41,902	292	42,194	
Amusement, hotels, cafes, personal service, etc.	2,249	1,680	16,105	218	20,252	296	20,548	
Other (a)	69	139	2,855	213	3,276	2,255	5,531	
Total persons in work force	26,083	29,825	275,365	3,304	334,577	5,002	339,579	

n.e.i. denotes 'not elsewhere included'.

(a) Comprises the groups Other industries and Industry inadequately described or not stated.

No. 13—Occupations of the Population (a): Census, 30 June 1966

Major and minor group	Males	Females	Persons
Professional, technical and related workers—			
Architects, engineers and surveyors	1,943	10	1,953
Chemists, physicists, geologists and other physical scientists	615	53	668
Biologists, veterinarians, agronomists and related scientists	379	20	399
Medical practitioners and dentists	1,095	100	1,195
Nurses	318	5,381	5,699
Professional medical workers, n.e.c.	637	341	978
Teachers	4,572	5,283	9,855
Clergy and related members of religious orders	976	349	1,325
Law professionals	325	18	343
Artists, entertainers, writers and related workers	1,061	597	1,658
Draftsmen and technicians, n.e.c.	3,920	742	4,662
Other professional, technical and related workers	2,096	433	2,529
Total	17,937	13,327	31,264
Administrative, executive and managerial workers—			
Administrators and executive officials, government, n.e.c.	1,118	13	1,131
Employers, workers on own account, directors and managers, n.e.c.	16,585	2,102	18,687
Total	17,703	2,115	19,818
Clerical workers—			
Book-keepers and cashiers	2,671	2,197	4,868
Stenographers and typists .....	.....	11,308	11,308
Other clerical workers	17,636	13,688	31,324
Total	20,307	27,193	47,500
Sales workers—			
Insurance, real estate salesmen, auctioneers and valuers	1,784	83	1,867
Commercial travellers and manufacturers' agents	3,255	65	3,320
Proprietors and shopkeepers working on own account, n.e.c., retail and wholesale trade, salesmen, shop assistants and related workers	7,823	14,237	22,060
Total	12,862	14,385	27,247
Farmers, fishermen, hunters, timber getters and related workers—			
Farmers and farm managers	22,571	2,762	25,333
Farm workers, including farm foremen, n.e.c.	13,089	3,281	16,370
Wool classers	224	.....	224
Hunters and trappers	85	.....	85
Fishermen and related workers	1,445	29	1,474
Timber getters and other forestry workers	971	9	980
Total	38,385	6,081	44,466
Miners, quarrymen and related workers—			
Miners and quarrymen	3,924	1	3,925
Well drillers and related workers	291	.....	291
Mineral treaters	494	.....	494
Total	4,709	1	4,710
Workers in transport and communication occupations—			
Deck officers, engineer officers and pilots, ship	577	1	578
Deck and engine room hands, ship; barge crews and boatmen	1,241	.....	1,241
Aircraft pilots, navigators and flight engineers	252	.....	252
Drivers and firemen, railway	1,453	.....	1,453
Drivers, road transport	12,306	424	12,730
Guards and conductors, railway	454	.....	454
Inspectors, supervisors, traffic controllers and dispatchers, transport	1,610	8	1,618
Telephone, telegraph and related telecommunication operators	322	1,517	1,839
Postmasters, postmen and messengers	1,584	200	1,784
Workers in transport and communication occupations, n.e.c.	583	165	748
Total	20,382	2,315	22,697
Craftsmen, production-process workers and labourers, n.e.c.—			
Spinners, weavers, knitters, dyers and related workers	343	260	603
Tailors, cutters, furriers and related workers	946	2,292	3,238
Leather cutters, lasters and sewers (except gloves and garments) and related workers	453	281	734
Furnacemen, rollers, drawers, moulders and related metal making and treating workers	1,175	.....	1,175
Precision instrument makers, watchmakers, jewellers and related workers	996	17	1,013
Toolmakers, machinists, plumbers, welders, platers and related workers	23,473	44	23,517
Electricians and related electric and electronics workers	7,546	23	7,569
Metal makers, metal workers and electrical production-process workers, n.e.c.	3,324	336	3,660
Carpenters, joiners, cabinetmakers and related workers	10,736	148	10,884
Painters and decorators	3,541	14	3,555
Bricklayers, plasterers and construction workers, n.e.c.	7,080	6	7,086
Compositors, pressmen, engravers, bookbinders and related workers	1,770	404	2,174
Potters, kilnmen, glass and clay formers and related workers	593	83	676
Millers, bakers, brewmasters and related food and beverage workers	5,512	1,298	6,810
Chemical and related process workers	931	71	1,002
Tobacco preparers and tobacco product makers	1	1	2
Craftsmen and production-process workers, n.e.c.	1,321	426	1,747
Packers, labellers and related workers	545	732	1,277
Stationary engine, excavating, lifting equipment operators and related workers	6,155	6	6,161
Freight handlers, including waterside workers....	8,362	136	8,498
Labourers, n.e.c.	15,278	70	15,348
Total	100,081	6,648	106,729

No. 13—Occupations of the Population (a): Census, 30 June 1966—continued

Major and minor group	Males	Females	Persons
Service, sport and recreation workers—			
Fire brigade men, policemen, protective service and related workers	2,444	42	2,486
Housekeepers, cooks, maids and related workers	1,648	8,346	9,994
Waiters, bartenders	826	2,579	3,405
Building caretakers, cleaners	1,827	2,327	4,154
Barbers, hairdressers, beauticians and related workers	667	1,505	2,172
Launderers, dry cleaners and pressers	304	1,133	1,437
Athletes, sportsmen and related workers	271	40	311
Photographers and related camera operators	203	80	283
Embalmers and undertakers	53	53	53
Service, sport, recreation workers, n.e.c.	1,504	2,243	3,747
Total	9,747	18,295	28,042
Members of armed services	2,368	84	2,452
Occupation inadequately described or not stated	1,674	2,980	4,654
Total—Persons in the work force	246,155	93,424	339,579
Persons not in the work force	180,536	316,558	497,094
GRAND TOTAL	426,691	409,982	836,673

n.e.c. denotes 'not elsewhere classified'.

(a) See letterpress on page 11.

No. 14—Wage and Salary Earners in Civilian Employment (a)

(Excludes defence forces and employees in agriculture and private domestic service)

(Thousands)

Year	Month												Average for year ended:	
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		

MALES															
1966	...	182.8	183.5	183.9	183.7	184.3	181.0	181.1	181.0	180.9	181.1	181.9	184.5	...	
1967	...	192.6	194.8	195.6	195.6	196.6	192.0	197.0	195.7	198.2	199.0	199.2	201.1	203.2	182.7
1968	...	202.5	203.8	204.7	205.3	205.9	206.4	207.4	208.3	208.4	209.4	211.0	213.6	202.2	185.7
1969	...	202.5	203.8	204.7	205.3	205.9	206.4	207.4	208.3	208.4	209.4	211.0	213.6	202.2	197.5

FEMALES

1966	...	77.5	80.2	81.2	82.0	82.1	76.3	76.5	76.9	77.3	77.6	78.7	78.0	79.2	...
1967	...	83.9	87.1	88.3	88.9	89.0	89.3	89.8	90.2	91.1	91.4	91.9	91.2	85.7	89.3
1968	...	90.7	94.0	95.6	96.3	96.6	97.3	97.8	98.4	99.5	100.7	102.2	101.9	93.0	97.6
1969	...	90.7	94.0	95.6	96.3	96.6	97.3	97.8	98.4	99.5	100.7	102.2	101.9	93.0	97.6

PERSONS

1966	...	260.3	263.7	265.1	265.7	266.4	257.3	257.6	257.9	258.2	258.7	260.6	262.5	...	...
1967	...	276.5	281.9	283.9	284.5	285.6	286.3	287.3	288.4	290.1	290.6	293.0	294.4	276.2	261.9	267.9
1968	...	293.2	297.8	300.3	301.6	302.5	303.7	305.2	306.7	307.9	310.1	313.2	315.5	295.2	286.9	286.9
1969	...	293.2	297.8	300.3	301.6	302.5	303.7	305.2	306.7	307.9	310.1	313.2	315.5	295.2	304.8	304.8

(a) See letterpress *Estimates of Employment* on pages 11-12.

No. 15—Wage and Salary Earners in Civilian Employment: Industry Groups and Sub-groups (a)
 (Excludes defence forces and employees in agriculture and private domestic service)
 (Thousands)

Industry group and sub-group	Males				Females				Persons			
	June 1966	June 1967	June 1968	June 1969	June 1966	June 1967	June 1968	June 1969	June 1966	June 1967	June 1968	June 1969
Forestry, fishing and trapping	1.6	1.6	1.6	1.7	0.1	0.1	0.1	0.1	1.7	1.7	1.7	1.8
Mining and quarrying	7.5	7.9	8.4	9.9	0.3	0.4	0.5	0.6	7.8	8.3	8.9	10.5
Manufacturing—												
Cement, bricks, glass and stone	3.4	3.5	3.8	4.2	0.3	0.3	0.3	0.3	3.7	3.8	4.1	4.5
Foundry, engineering and metalworking	14.6	15.5	16.9	17.6	1.6	1.8	2.1	2.2	16.2	17.3	19.0	19.8
Ships, vehicles, parts and accessories	8.4	8.5	9.0	9.3	0.4	0.5	0.6	0.7	8.8	9.0	9.6	10.0
Yarns, textiles, etc. (excl. clothing and furnishing drapery)	0.6	0.6	0.6	0.6	0.3	0.3	0.3	0.4	0.9	0.9	0.9	1.0
Clothing and knitted goods	0.2	0.2	0.2	0.2	1.6	1.6	1.5	1.4	1.8	1.8	1.7	1.6
Food, drink and tobacco	7.3	7.2	7.7	8.3	2.6	2.7	3.3	3.7	9.9	9.9	11.0	12.0
Sawmilling and wood products (other than furniture)	5.1	5.1	5.4	5.0	0.3	0.3	0.4	0.4	5.4	5.4	5.8	5.4
Paper, printing, bookbinding, photography	3.3	3.5	3.6	3.7	1.3	1.4	1.4	1.5	4.6	4.9	5.0	5.2
Chemicals, dyes, explosives, paints, non-mineral oils	2.0	2.0	2.1	2.2	0.3	0.3	0.4	0.4	2.3	2.3	2.5	2.6
Other (b)	4.3	4.3	4.5	4.7	1.1	1.2	1.3	1.4	5.4	5.5	5.8	6.1
Electricity, gas, water and sanitary services	5.5	5.9	6.0	6.1	0.3	0.4	0.4	0.4	5.8	6.3	6.4	6.5
Building and construction	26.8	24.9	28.8	29.7	0.9	1.0	1.3	1.5	27.7	25.9	30.1	31.2
Transport and storage—												
Road transport and storage	6.4	6.7	7.4	7.8	0.6	0.6	0.7	0.8	7.0	7.3	8.1	8.6
Shipping and stevedoring	4.5	4.5	4.6	4.7	0.3	0.3	0.3	0.3	4.8	4.8	4.9	5.0
Rail and air transport	7.8	7.9	8.1	7.9	0.5	0.6	0.6	0.6	8.3	8.5	8.7	8.5
Communication	5.7	6.1	6.4	6.8	1.3	1.5	1.6	1.7	7.0	7.6	8.0	8.5
Finance and property—												
Banking	3.4	3.6	3.7	3.9	1.7	1.8	2.0	2.3	5.1	5.4	5.7	6.2
Other	3.1	3.3	3.7	4.2	2.6	2.7	3.0	3.5	5.7	6.0	6.7	7.7
Commerce—												
Retail trade	13.1	13.2	13.8	14.1	15.8	17.5	18.8	19.7	28.9	30.7	32.6	33.8
Wholesale and other commerce	16.4	16.8	17.5	17.9	5.5	5.8	6.3	6.8	21.9	22.6	23.8	24.7
Public authority activities not elsewhere included	8.6	9.2	9.6	10.1	3.0	3.3	3.5	4.0	11.6	12.5	13.1	14.1
Community and business services—												
Health, hospitals, etc.	3.4	3.5	3.6	3.7	12.2	12.7	13.4	14.7	15.6	16.2	17.0	18.4
Education	6.3	6.6	7.2	7.3	7.9	8.6	9.2	10.2	14.2	15.2	16.4	17.5
Other (c)	6.2	6.5	6.8	8.1	4.3	4.6	5.1	5.9	10.5	11.0	11.9	14.0
Amusement, hotels, cafes, personal service, etc. (d)	5.3	5.7	6.2	6.9	9.0	10.2	11.2	11.9	14.3	15.9	17.4	18.8
GRAND TOTAL	181.0	184.2	197.0	206.4	76.3	82.3	89.3	97.3	257.2	266.5	286.3	303.7

(a) See letterpress *Estimates of Employment* on pages 11-12. (b) Comprises products of petroleum and coal; boots, shoes and accessories; furniture, fittings, etc.; jewellery, watchmaking, etc.; skins and leather (other than clothing or footwear); rubber goods; musical, surgical and scientific instruments, etc.; plastic products; and other manufacturing.
 (c) Comprises *Law, order and public safety; Religion and social welfare; and Other community and business services*.
 (d) Includes *Sport and recreation* but excludes *Private domestic service*.

No. 15—Wage and Salary Earners In Civilian Employment: Industry Groups and Sub-groups (a)
—continued

(Excludes defence forces and employees in agriculture and private domestic service)

(Thousands)

Industry group and sub-group	Males				Females				Persons			
	Dec. 1966	Dec. 1967	Dec. 1968	Dec. 1969	Dec. 1966	Dec. 1967	Dec. 1968	Dec. 1969	Dec. 1966	Dec. 1967	Dec. 1968	Dec. 1969
Forestry, fishing and trapping	1·6	1·6	1·7	1·6	0·1	0·1	0·1	0·1	1·7	1·7	1·8	1·7
Mining and quarrying	7·9	8·3	9·1	10·9	0·3	0·4	0·5	0·8	8·2	8·7	9·6	11·6
Manufacturing—												
Cement, bricks, glass and stone	3·5	3·7	4·0	4·4	0·3	0·3	0·3	0·4	3·8	4·0	4·3	4·8
Foundry, engineering and metalworking	15·0	16·2	17·0	17·6	1·7	2·0	2·1	2·4	16·7	18·2	19·1	20·0
Ships, vehicles, parts and accessories	8·3	8·6	8·8	9·2	0·4	0·6	0·6	0·7	8·7	9·2	9·4	9·8
Yarns, textiles, etc. (excl. clothing and furnishing drapery)	0·6	0·6	0·6	0·6	0·3	0·3	0·3	0·3	0·9	0·9	0·9	0·9
Clothing and knitted goods	0·2	0·2	0·2	0·2	1·6	1·6	1·5	1·3	1·8	1·8	1·7	1·5
Food, drink and tobacco	8·0	8·0	8·4	8·8	2·8	3·0	3·4	3·9	10·8	11·0	11·8	12·7
Sawmilling and wood products (other than furniture)	5·0	5·2	5·1	4·9	0·3	0·4	0·4	0·4	5·3	5·6	5·5	5·3
Paper, printing, bookbinding, photography	3·5	3·6	3·6	3·8	1·4	1·4	1·5	1·6	4·9	5·0	5·1	5·4
Chemicals, dyes, explosives, paints, non-mineral oils	1·9	2·2	2·2	2·2	0·3	0·3	0·4	0·4	2·2	2·5	2·6	2·6
Other (b)	4·3	4·4	4·7	4·9	1·2	1·3	1·4	1·4	5·5	5·7	6·1	6·3
Electricity, gas, water and sanitary services	5·7	5·8	6·0	6·4	0·4	0·4	0·4	0·4	6·1	6·2	6·4	6·8
Building and construction	24·8	26·2	28·9	30·5	0·9	1·1	1·4	1·6	25·7	27·3	30·3	32·1
Transport and storage—												
Road transport and storage	6·7	7·1	7·7	8·3	0·6	0·7	0·7	0·8	7·3	7·8	8·4	9·0
Shipping and stevedoring	4·6	4·5	4·6	4·6	0·3	0·3	0·3	0·3	4·9	4·8	4·9	4·9
Rail and air transport	7·9	8·0	8·0	7·7	0·5	0·6	0·6	0·7	8·4	8·6	8·6	8·4
Communication	6·7	7·0	7·3	7·9	1·4	1·5	1·7	1·9	8·1	8·5	9·0	9·9
Finance and property—												
Banking	3·4	3·6	3·6	3·8	1·8	1·8	2·0	2·3	5·2	5·4	5·6	6·1
Other	3·2	3·4	3·9	4·4	2·6	2·8	3·2	3·8	5·8	6·2	7·1	8·2
Commerce—												
Retail trade	13·3	13·7	14·2	15·2	17·3	18·8	19·9	22·0	30·6	32·5	34·1	37·2
Wholesale and other commerce	17·6	18·3	19·0	18·8	5·5	5·9	6·5	7·0	23·1	24·2	25·5	25·9
Public authority activities not elsewhere included	9·0	9·4	9·8	10·3	3·1	3·4	3·7	4·2	12·1	12·8	13·5	14·5
Community and business services—												
Health, hospitals, etc.	3·4	3·5	3·6	3·8	12·5	12·8	13·5	15·1	15·9	16·3	17·1	18·9
Education	6·2	6·4	6·8	7·1	6·2	6·8	7·6	8·6	12·4	13·2	14·4	15·6
Other (c)	6·4	6·5	7·3	8·6	4·5	4·8	5·5	6·5	10·9	11·3	12·8	15·1
Amusement, hotels, cafes, personal service, etc. (d)	5·8	6·2	7·0	7·4	9·6	10·8	11·8	12·9	15·4	17·0	18·8	20·4
GRAND TOTAL	184·5	192·1	203·2	213·6	78·0	84·1	91·2	101·9	262·5	276·2	294·4	315·5

(a) See letterpress *Estimates of Employment* on pages 11-12. (b) Comprises products of petroleum and coal; boots, shoes and accessories; furniture, fittings, etc.; jewellery, watchmaking, etc.; skins and leather (other than clothing or foot-wear); rubber goods; musical, surgical and scientific instruments, etc.; plastic products; and other manufacturing. (c) Comprises *Law, order and public safety; Religion and social welfare; and Other community and business services*. (d) Includes *Sport and recreation* but excludes *Private domestic service*.

**No. 16—Government Authorities: Civilian Employees (a) in Western Australia
(Thousands)**

June—	Commonwealth (b)			State (b) (c)			Local government (c)			Total		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
1966 ...	11.6	3.3	14.9	42.3	11.9	54.2	4.7	0.6	5.3	58.6	15.8	74.3
1967 ...	12.4	3.5	15.9	42.6	12.8	55.3	4.9	0.6	5.6	59.9	16.9	76.8
1968 ...	13.2	3.8	17.0	43.9	13.7	57.6	5.2	0.8	5.9	62.3	18.3	80.6
1969 ...	13.6	4.2	17.9	45.0	15.3	60.2	5.4	0.9	6.3	64.0	20.4	84.4

(a) Includes employees of government bodies (Commonwealth, State, local and semi-government) on services such as railways, road and air transport, shipping, banks, post office, education, broadcasting, television, police, public works, factories, hospitals and institutions, as well as administrative employees. (b) Includes employees of semi-governmental authorities. (c) Excludes a small number of employees engaged in agriculture.

No. 17—Employment in Building according to Occupational Status and Type of Job

NOTE. The figures shown in this table (and Table 18) relate to persons working on the jobs of contractors who undertake the erection of new buildings and on the jobs of government authorities which erect new buildings on their own account. They include persons actually engaged on alterations, additions, repairs, and maintenance when these jobs are undertaken by such contractors and authorities. The figures also include the number of persons working on new private buildings (other than houses) erected without the services of a contractor responsible for the whole job.

Informants are asked to supply details of all persons employed on their jobs *on a specified day*, including working principals, men working as or for sub-contractors, and men temporarily laid off on account of weather. Because of the intermittent employment of various types of sub-contractors on any particular job, it is sometimes difficult for informants to provide precise particulars of the number of sub-contractors and sub-contractor employees working on their jobs on the specified day. This factor may cause some understatement in the figures shown in the table. In other cases, because of frequent movement between jobs of some types of tradesmen (such as electricians) who may work on several jobs on the one day, some duplication may occur.

The figures exclude persons working on owner-built houses, and employees of building firms which undertake only alterations, additions, repairs, and maintenance.

End of June—	Working principals (con-tractors)	Sub-contractors working on jobs for contractors	Wage earners (including Governmental day labour) (a)	Total (a)	(a) Persons engaged on—			Total (a)
					New houses and flats	Alterations, additions, and repairs to houses and flats	Other buildings	
1965 ...	576	2,451	9,609	12,636	5,595	786	6,255	12,636
1966 ...	574	1,881	9,893	12,348	5,912	399	6,037	12,348
1967 ...	639	2,539	11,327	14,505	7,185	425	6,895	14,505
1968 ...	697	2,882	13,233	16,812	8,792	474	7,546	16,812
1969 ...	697	3,731	14,773	19,201	10,896	945	7,360	19,201

(a) Includes tradesmen employed by the Civil Engineering Branch of the Western Australian Government Railways who were engaged on other activities as well as on building construction.

No. 18—Employment in Building according to Occupation (a)

End of June—	Carpenters	Bricklayers	Painters	Electricians	Plumbers	Builders' labourers	Other	Total (b)
1965 ...	3,573	1,546	1,195	886	1,164	1,982	2,290	12,636
1966 ...	3,591	1,584	1,105	825	1,064	2,047	2,132	12,348
1967 ...	4,026	1,966	1,341	1,014	1,275	2,210	2,673	14,505
1968 ...	4,569	2,469	1,494	1,126	1,577	2,602	2,975	16,812
1969 ...	5,007	2,954	1,723	1,373	1,711	2,978	3,455	19,201

(a) See headnote to previous table.

(b) See footnote (a) to previous table.

No. 19—Employment in Factories in each Class of Industry, according to Age

The figures in this table relate to the number of persons on factory pay-rolls on the last pay-day in June in establishments which employed four or more persons during any period of the year or which used power other than manual. Working proprietors and persons engaged in selling and distribution, or in obtaining raw materials (e.g. persons employed by sawmills on felling and hauling logs) are excluded.

Class of industry	June 1967				June 1968			
	Under 16 years	16 and under 21 years	21 years and over	Total	Under 16 years	16 and under 21 years	21 years and over	Total
MALES								
1. Treatment of non-metalliferous mine and quarry products	17	142	1,731	1,890	17	158	1,796	1,971
2. Bricks, pottery, glass, etc.	9	169	1,335	1,513	15	193	1,501	1,709
3. Chemicals, dyes, explosives, paints, oils, grease	6	194	2,490	2,690	11	169	2,701	2,881
4. Industrial metals, machines, implements and conveyances	460	4,701	21,547	26,708	438	4,871	23,400	28,709
5. Precious metals, jewellery, plate	6	32	129	167	1	39	136	176
6. Textiles and textile goods (inclusive of knitted goods)	4	54	287	345	8	55	278	341
7. Skins and leather (not clothing or footwear)	8	74	307	389	7	66	335	408
8. Clothing (except knitted)	17	113	430	560	10	83	394	487
9. Food, drink and tobacco	64	583	5,182	5,829	68	639	5,504	6,211
10. Sawmilling, woodworking and basketware	99	758	4,504	5,361	82	797	4,693	5,572
11. Furniture of wood, bedding, etc.	48	316	843	1,207	51	336	950	1,337
12. Paper, stationery, printing, bookbinding, etc.	38	445	2,211	2,694	35	443	2,254	2,732
13. Rubber	2	44	341	387	6	33	358	397
14. Musical instruments	3	4	17	24	3	8	12	23
15. Miscellaneous products	10	112	443	565	13	91	478	582
16. Heat, light and power	1	63	1,175	1,239	2	57	1,307	1,366
Total	792	7,804	42,972	51,568	767	8,038	46,097	54,902
FEMALES								
1. Treatment of non-metalliferous mine and quarry products	1	35	94	130	2	31	99	132
2. Bricks, pottery, glass, etc.	...	28	115	143	4	28	133	165
3. Chemicals, dyes, explosives, paints, oils, grease	6	94	178	278	3	96	210	309
4. Industrial metals, machines, implements and conveyances	42	569	1,343	1,954	29	632	1,561	2,222
5. Precious metals, jewellery, plate	1	18	16	35	...	16	18	34
6. Textiles and textile goods (inclusive of knitted goods)	12	120	266	398	19	108	251	378
7. Skins and leather (not clothing or footwear)	...	27	93	120	2	30	108	140
8. Clothing (except knitted)	164	738	1,374	2,276	138	597	2,092	2,111
9. Food, drink and tobacco	35	630	1,758	2,423	71	629	2,092	2,792
10. Sawmilling, woodworking and basketware	1	67	233	301	2	75	295	372
11. Furniture of wood, bedding, etc.	7	61	234	302	11	70	272	353
12. Paper, stationery, printing, bookbinding, etc.	25	316	512	853	36	321	535	892
13. Rubber	4	27	45	76	2	27	60	89
14. Musical instruments	...	...	...	...	...	...	...	...
15. Miscellaneous products	9	105	195	309	12	107	216	335
16. Heat, light and power	...	10	3	13	...	17	3	20
Total	307	2,845	6,459	9,611	331	2,784	7,229	10,344
PERSONS								
1. Treatment of non-metalliferous mine and quarry products	18	177	1,825	2,020	19	189	1,895	2,103
2. Bricks, pottery, glass, etc.	9	197	1,450	1,656	19	221	1,524	1,874
3. Chemicals, dyes, explosives, paints, oils, grease	12	288	2,668	2,968	14	265	2,911	3,190
4. Industrial metals, machines, implements and conveyances	502	5,270	22,890	28,662	467	5,503	24,961	30,931
5. Precious metals, jewellery, plate	7	50	145	202	1	55	154	210
6. Textiles and textile goods (inclusive of knitted goods)	16	174	553	743	27	163	529	719
7. Skins and leather (not clothing or footwear)	8	101	400	509	9	96	443	548
8. Clothing (except knitted)	181	851	1,804	2,836	148	680	1,770	2,598
9. Food, drink and tobacco	99	1,213	6,940	8,252	139	1,268	7,596	9,003
10. Sawmilling, woodworking and basketware	100	825	4,737	5,662	84	872	4,988	5,944
11. Furniture of wood, bedding, etc.	55	377	1,077	1,509	62	406	1,222	1,690
12. Paper, stationery, printing, bookbinding, etc.	63	761	2,723	3,547	71	764	2,789	3,624
13. Rubber	6	71	386	463	8	60	418	486
14. Musical instruments	3	4	17	24	3	8	12	23
15. Miscellaneous products	19	217	638	874	25	198	694	917
16. Heat, light and power	1	73	1,178	1,252	2	74	1,310	1,386
Total	1,099	10,649	49,431	61,179	1,098	10,822	53,326	65,246

No. 20—Apprenticeship: Registrations to Various Trades and Number of Effective Registrations

Trade	Registrations effected during—			Effective registrations at 31 December		
	1967	1968	1969	1967	1968	1969
State awards—						
Baking	21	27	20	74	84	73
Bootmaking	3	3	1	5	6	4
Building—						
Carpentry and joinery	244	294	280	866	934	1,009
Bricklaying	23	39	48	98	113	135
Painting and signwriting	55	101	131	330	336	349
Plastering	32	34	34	82	96	102
Plumbing	116	142	163	432	474	531
Other	1	3	1	5	8	7
Butchering and smallgoods	98	140	153	404	437	494
Dental technician	7	13	10	17	29	33
Electrical—						
Auto-electrical fitting	23	24	23	96	99	101
Electrical fitting	147	153	158	497	532	573
Electrical installing	137	155	195	434	510	573
Radio and television servicing	25	21	23	67	83	82
Furniture—						
Cabinetmaking	65	105	112	241	288	321
Upholstery	12	13	15	35	38	42
Wood machining	18	20	25	63	69	78
Other	15	11	11	58	64	50
Glazing	10	30	11	39	46	46
Hairdressing—						
Men's	25	29	34	82	90	96
Ladies'	270	270	323	865	959	1,044
Jewellery and watchmaking	5	7	8	25	25	28
Metal trades—						
Boilermaking	124	158	147	496	542	575
Fitting and turning	123	150	146	485	534	537
Fitting	73	77	64	339	274	264
Turning	25	26	18	90	93	75
Motor mechanic	336	376	368	1,262	1,362	1,401
Moulding	18	11	15	74	59	50
Refrigeration fitting	22	35	40	78	87	106
Welding	50	46	45	187	183	173
Other	49	72	49	188	228	192
Optical	2	4	4	9	11	13
Pastrycooking	13	10	10	46	40	34
Printing—						
Composing	38	29	41	106	105	119
Letterpress machining	7	17	8	27	29	31
Other	26	52	22	74	81	88
Saddlery and leather working	1	2	—	5	4	3
Scientific instrument making	9	18	16	37	51	55
Sheetmetal working	39	59	74	241	249	264
Timber machining	5	15	9	59	62	53
Vehicle building—						
Bodymaking	42	35	34	136	136	134
Panelbeating	76	89	113	339	360	389
Spray painting	48	51	53	172	194	195
Trimming	10	4	9	25	20	24
Total, State awards	2,488	2,970	3,064	9,290	10,024	10,546
Commonwealth awards—						
Aircraft engineering	19	32	6	62	77	51
Bootmaking	12	8	6	37	27	22
Metal trades	4	1	11	4	2	13
Printing—						
Composing	8	17	8	63	63	59
Letterpress machining	18	19	22	70	72	72
Other	10	12	10	20	20	26
Shipwrighting	7	13	10	32	38	37
Total, Commonwealth awards	78	102	73	288	299	280
Commonwealth Government Departments	19	19	22	56	64	52
GRAND TOTAL	2,585	3,091	3,159	9,634	10,387	10,878

INDUSTRIAL DISPUTES

NOTE. The statistics of industrial disputes refer only to disputes involving a stoppage of work of ten man-days or more. Workers indirectly involved are employees thrown out of work at the establishment where the stoppages occurred but not themselves parties to the dispute.

The statistics of industrial disputes are compiled from data obtained from the following sources: (i) direct collections from employers and trade unions concerning individual disputes; (ii) reports from government departments and authorities; (iii) reports of State and Commonwealth industrial authorities; and (iv) information contained in trade journals, employer and trade union publications, and newspaper reports. Particulars of some stoppages (e.g. those involving a large number of establishments) may be estimated and the statistics therefore should be regarded as giving a broad measure of the extent of stoppages of work (as defined).

Details of the number of disputes and workers involved in disputes which commenced in any year and were still in progress during the following year are included in the figures for both years.

No. 21—Industrial Disputes (a): Western Australia

Year	Number of disputes	Number of workers involved			Number of working days lost (man-days)	Estimated loss in wages
		Directly	Indirectly (b)	Total		
1965	33	'000	'000	'000	'000	\$'000
1966	25	12.6	2.9	12.6	10.0	100.8
1967	26	5.0	(c)	5.1	6.2	64.5
1968	70	18.3	0.4	18.7	21.8	62.6
1969	104	57.0	2.1	59.1	101.4	281.8
Industry group						
1969—						
Agriculture, grazing, etc.	...	...	...	...	...	...
Coal mining	...	0.6	...	0.6	0.6	6.1
Other mining and quarrying	15	9.6	...	9.6	34.4	523.8
Manufacturing—						
Engineering, metals, vehicles, etc.	9	3.6	(c)	3.7	6.6	82.0
Textiles, clothing and footwear	...	0.1	...	0.1	0.1	1.0
Food, drink and tobacco	17	2.5	0.4	2.9	6.2	62.8
Sawmilling, furniture, etc.	...	0.2	...	0.2	0.2	2.2
Paper, printing, etc.	1	0.4	...	0.4	0.5	7.8
Other manufacturing	3	0.3	(c)	0.4	0.5	5.4
Building and construction	18	8.1	(c)	8.1	16.9	214.6
Railway services	3	11.0	1.6	12.6	15.7	164.8
Road and air transport	5	8.8	...	8.8	9.7	106.2
Shipping	5	0.4	...	0.4	0.9	9.9
Stevedoring	26	8.5	(c)	8.6	6.2	70.4
Amusement, hotels, personal service, etc.	...	0.2	...	0.2	0.2	1.7
Other industries (d)	2	2.7	...	2.7	2.6	25.6
Total	104	57.0	2.1	59.1	101.4	1,284.2

(a) Excludes disputes involving a stoppage of work of less than 10 man-days. (b) Persons thrown out of work at the establishments where the stoppages occurred, but not themselves parties to the dispute. (c) Less than 50.

(d) Includes Communication; Finance and property; Wholesale and retail trade; Public authority (n.e.i.); and Community and business services.

No. 22—Duration of Industrial Disputes: 1965

Duration (working days)	Mining	Manufacturing	Building and construction	Stevedoring	Other industries	All industries
NUMBER OF DISPUTES						
1 day and less ....	....	9	3	9	1	22
2 days and more than 1 day ....	....	....	....	2	2	4
3 days and more than 2 days ....	....	1	1	....	....	2
Over 3 days and less than 5 days	1	....	1	....	....	2
5 days and less than 10 days ....	....	2	....	....	....	2
10 days and less than 20 days ....	....	1	1	....	....	2
20 days and less than 40 days ....	....	....	....	....	....	....
40 days and over ....	....	....	....	....	....	....
Total	1	12	6	11	3	33
WORKERS INVOLVED (DIRECTLY AND INDIRECTLY) ('000)						
1 day and less ....	....	2.9	0.3	5.6	0.1	8.8
2 days and more than 1 day ....	....	....	....	3.3	0.1	3.4
3 days and more than 2 days ....	....	....	(a)	....	....	(a)
Over 3 days and less than 5 days	0.2	....	0.1	....	....	0.2
5 days and less than 10 days ....	....	(a)	....	....	....	(a)
10 days and less than 20 days ....	....	0.1	(a)	....	....	0.1
20 days and less than 40 days ....	....	....	....	....	....	....
40 days and over ....	....	....	....	....	....	....
Total	0.2	3.0	0.4	8.9	0.2	12.6
WORKING DAYS LOST ('000 MAN-DAYS)						
1 day and less ....	....	1.2	0.2	2.4	(a)	3.8
2 days and more than 1 day ....	....	....	....	3.8	0.1	4.0
3 days and more than 2 days ....	....	....	0.1	....	....	0.1
Over 3 days and less than 5 days	0.5	....	0.2	....	....	0.7
5 days and less than 10 days ....	....	0.1	....	....	....	0.1
10 days and less than 20 days ....	....	0.9	0.4	....	....	1.3
20 days and less than 40 days ....	....	....	....	....	....	....
40 days and over ....	....	....	....	....	....	....
Total	0.5	2.2	0.9	6.2	0.2	10.0
ESTIMATED LOSS IN WAGES (\$'000)						
1 day and less ....	....	9.8	2.0	24.2	0.5	36.5
2 days and more than 1 day ....	....	....	....	39.3	1.6	40.9
3 days and more than 2 days ....	....	....	0.9	....	....	0.9
Over 3 days and less than 5 days	5.2	....	2.1	....	....	7.3
5 days and less than 10 days ....	....	1.6	....	....	....	1.6
10 days and less than 20 days ....	....	5.2	8.4	....	....	13.6
20 days and less than 40 days ....	....	....	....	....	....	....
40 days and over ....	....	....	....	....	....	....
Total	5.2	16.6	13.4	63.5	2.1	100.8

(a) Less than 50.

No. 23—Duration of Industrial Disputes: 1966

Duration (working days)	Mining	Manufacturing	Building and construction	Stevedoring	Other industries	All industries
NUMBER OF DISPUTES						
1 day and less ....	....	5	1	1	3	10
2 days and more than 1 day	1	4	3	....	....	8
3 days and more than 2 days	1	1	....	1	....	3
Over 3 days and less than 5 days ....	....	....	1	....	1	2
5 days and less than 10 days ....	....	....	1	....	....	1
10 days and less than 20 days ....	....	....	1	....	....	1
20 days and less than 40 days ....	....	....	....	....	....	....
40 days and over ....	....	....	....	....	....	....
Total	2	10	7	2	4	25
WORKERS INVOLVED (DIRECTLY AND INDIRECTLY) ('000)						
1 day and less ....	....	0·2	(a)	0·6	0·4	1·2
2 days and more than 1 day	(a)	0·8	0·2	....	(a)	1·1
3 days and more than 2 days	(a)	(a)	....	0·1	....	0·1
Over 3 days and less than 5 days ....	....	....	0·1	....	....	0·1
5 days and less than 10 days ....	....	....	0·4	....	....	0·4
10 days and less than 20 days ....	....	....	0·1	....	....	0·1
20 days and less than 40 days ....	....	....	....	....	....	....
40 days and over ....	....	....	....	....	....	....
Total	0·1	1·0	0·8	0·6	0·4	2·9
WORKING DAYS LOST ('000 MAN-DAYS)						
1 day and less ....	....	0·1	(a)	(a)	0·3	0·5
2 days and more than 1 day	(a)	1·5	0·3	....	0·1	1·9
3 days and more than 2 days	0·1	0·1	....	0·2	....	0·4
Over 3 days and less than 5 days ....	....	....	0·2	....	....	0·2
5 days and less than 10 days ....	....	....	2·6	....	....	2·6
10 days and less than 20 days ....	....	....	0·6	....	....	0·6
20 days and less than 40 days ....	....	....	....	....	....	....
40 days and over ....	....	....	....	....	....	....
Total	0·1	1·7	3·8	0·2	0·4	6·2
ESTIMATED LOSS IN WAGES (\$'000)						
1 day and less ....	....	1·3	0·2	0·4	3·1	5·0
2 days and more than 1 day	0·4	15·7	3·2	....	1·0	20·3
3 days and more than 2 days	1·4	0·6	....	1·9	....	3·9
Over 3 days and less than 5 days ....	....	....	1·8	....	....	1·8
5 days and less than 10 days ....	....	....	27·7	....	....	27·7
10 days and less than 20 days ....	....	....	5·8	....	....	5·8
20 days and less than 40 days ....	....	....	....	....	....	....
40 days and over ....	....	....	....	....	....	....
Total	1·8	17·6	38·7	2·3	4·1	64·5

(a) Less than 50.

No. 24—Duration of Industrial Disputes: 1967

Duration (working days)	Mining	Manufacturing	Building and construction	Stevedoring	Other industries	All industries
NUMBER OF DISPUTES						
1 day and less	1	5	3	2	4	15
2 days and more than 1 day ....	....	2	2	....	1	5
3 days and more than 2 days	1	....	2	....	....	3
Over 3 days and less than 5 days	1	1	....	....	....	2
5 days and less than 10 days ....	....	....	....	1	....	1
10 days and less than 20 days ....	....	....	....	....	....	....
20 days and less than 40 days ....	....	....	....	....	....	....
40 days and over ....	....	....	....	....	....	....
Total	3	8	7	3	5	26
WORKERS INVOLVED (DIRECTLY AND INDIRECTLY) ('000)						
1 day and less	(a)	0.9	1.0	0.6	0.4	2.9
2 days and more than 1 day ....	....	1.0	0.3	....	(a)	1.3
3 days and more than 2 days	(a)	....	0.6	....	....	0.6
Over 3 days and less than 5 days	(a)	0.1	....	....	....	0.1
5 days and less than 10 days ....	....	....	....	(a)	....	(a)
10 days and less than 20 days ....	....	....	....	....	....	....
20 days and less than 40 days ....	....	....	....	....	....	....
40 days and over ....	....	....	....	....	....	....
Total	0.1	2.0	1.9	0.7	0.4	5.1
WORKING DAYS LOST ('000 MAN-DAYS)						
1 day and less	(a)	0.4	0.8	0.2	0.2	1.5
2 days and more than 1 day ....	....	1.9	0.4	....	(a)	2.3
3 days and more than 2 days	0.1	....	1.2	....	....	1.3
Over 3 days and less than 5 days	0.1	0.5	....	....	....	0.6
5 days and less than 10 days ....	....	....	....	0.2	....	0.2
10 days and less than 20 days ....	....	....	....	....	....	....
20 days and less than 40 days ....	....	....	....	....	....	....
40 days and over ....	....	....	....	....	....	....
Total	0.2	2.8	2.4	0.4	0.2	6.0
ESTIMATED LOSS IN WAGES (\$'000)						
1 day and less	0.2	3.5	7.7	2.2	1.8	15.4
2 days and more than 1 day ....	....	16.5	4.5	....	0.2	21.2
3 days and more than 2 days	1.3	....	14.3	....	....	15.6
Over 3 days and less than 5 days	0.8	6.4	....	....	....	7.2
5 days and less than 10 days ....	....	....	....	3.2	....	3.2
10 days and less than 20 days ....	....	....	....	....	....	....
20 days and less than 40 days ....	....	....	....	....	....	....
40 days and over ....	....	....	....	....	....	....
Total	2.3	26.4	26.5	5.4	2.0	62.6

(a) Less than 50.

No. 25—Duration of Industrial Disputes: 1968

Duration (working days)	Mining	Manufacturing	Building and construction	Stevedoring	Other industries	All industries
NUMBER OF DISPUTES						
1 day and less	3	16	3	16	3	41
2 days and more than 1 day	2	4	4	4	....	14
3 days and more than 2 days	1	2	2	2	....	7
Over 3 days and less than 5 days ....	....	....	2	....	3	5
5 days and less than 10 days	2	....	1	....	....	3
10 days and less than 20 days ....	....	....	....	....	....	....
20 days and less than 40 days ....	....	....	....	....	....	....
40 days and over ....	....	....	....	....	....	....
Total	8	22	12	22	6	70
WORKERS INVOLVED (DIRECTLY AND INDIRECTLY) ('000)						
1 day and less	0.3	2.0	0.4	8.7	1.5	12.9
2 days and more than 1 day	1.1	0.4	0.5	1.2	....	3.2
3 days and more than 2 days	0.2	0.1	0.2	0.1	....	0.6
Over 3 days and less than 5 days ....	....	....	0.1	....	1.1	1.1
5 days and less than 10 days	0.8	....	0.1	....	....	0.8
10 days and less than 20 days ....	....	....	....	....	....	....
20 days and less than 40 days ....	....	....	....	....	....	....
40 days and over ....	....	....	....	....	....	....
Total	2.3	2.6	1.2	10.1	2.6	18.7
WORKING DAYS LOST ('000 MAN-DAYS)						
1 day and less	0.2	1.5	0.3	3.6	1.1	6.7
2 days and more than 1 day	2.0	0.7	0.9	1.9	....	5.5
3 days and more than 2 days	0.5	0.3	0.5	0.3	....	1.6
Over 3 days and less than 5 days ....	....	....	0.3	....	3.6	3.9
5 days and less than 10 days	3.8	....	0.3	....	....	4.1
10 days and less than 20 days ....	....	....	....	....	....	....
20 days and less than 40 days ....	....	....	....	....	....	....
40 days and over ....	....	....	....	....	....	....
Total	6.5	2.5	2.3	5.9	4.6	21.8
ESTIMATED LOSS IN WAGES (\$'000)						
1 day and less	3.7	18.1	4.0	37.8	7.6	71.2
2 days and more than 1 day	39.2	7.5	11.4	19.9	....	78.0
3 days and more than 2 days	4.8	3.8	7.4	5.8	....	21.8
Over 3 days and less than 5 days ....	....	....	3.4	....	28.1	31.5
5 days and less than 10 days	75.8	....	3.5	....	....	79.3
10 days and less than 20 days ....	....	....	....	....	....	....
20 days and less than 40 days ....	....	....	....	....	....	....
40 days and over ....	....	....	....	....	....	....
Total	123.5	29.4	29.7	63.5	35.7	281.8

No. 26—Duration of Industrial Disputes: 1969

Duration (working days)	Mining	Manufacturing	Building and construction	Stevedoring	Other industries	All industries
NUMBER OF DISPUTES						
1 day and less	1	10	3	21	6	41
2 days and more than 1 day	6	6	4	4	5	25
3 days and more than 2 days	2	4	2	1	...	9
Over 3 days and less than 5 days	4	7	3	...	1	15
5 days and less than 10 days ....	...	1	6	...	3	10
10 days and less than 20 days	2	1	...	...	...	3
20 days and less than 40 days ....	...	1	...	...	...	1
40 days and over ....	...	...	...	...	...	...
Total	15	30	18	26	15	104
WORKERS INVOLVED (DIRECTLY AND INDIRECTLY) ('000)						
1 day and less	4.9	5.0	5.0	6.9	10.5	32.3
2 days and more than 1 day	2.5	0.5	0.5	1.7	14.1	19.2
3 days and more than 2 days	0.1	0.7	0.3	(a)	...	1.0
Over 3 days and less than 5 days	1.2	1.2	1.5	...	(a)	3.9
5 days and less than 10 days ....	...	0.2	0.8	...	0.1	1.1
10 days and less than 20 days	1.6	(a)	...	...	...	1.6
20 days and less than 40 days ....	...	0.1	...	...	...	0.1
40 days and over ....	...	...	...	...	...	...
Total	10.2	7.6	8.1	8.6	24.7	59.1
WORKING DAYS LOST ('000 MAN-DAYS)						
1 day and less	4.9	4.8	5.0	3.1	10.4	28.3
2 days and more than 1 day	4.2	0.7	0.6	3.1	17.9	26.5
3 days and more than 2 days	0.2	1.7	0.8	(a)	...	2.7
Over 3 days and less than 5 days	4.6	4.8	6.0	...	0.1	15.5
5 days and less than 10 days ....	...	1.0	4.6	...	0.7	6.2
10 days and less than 20 days	21.1	0.1	...	...	...	21.2
20 days and less than 40 days ....	...	1.1	...	...	...	1.1
40 days and over ....	...	...	...	...	...	...
Total	35.0	14.1	16.9	6.2	29.2	101.4
ESTIMATED LOSS IN WAGES (\$'000)						
1 day and less	54.2	52.0	56.2	35.5	108.6	306.5
2 days and more than 1 day	70.0	6.7	10.6	34.8	189.2	311.3
3 days and more than 2 days	2.8	20.8	9.1	0.2	...	32.9
Over 3 days and less than 5 days	57.9	54.4	74.2	...	3.1	189.6
5 days and less than 10 days ....	...	13.3	64.5	...	7.3	85.1
10 days and less than 20 days	345.0	0.8	...	...	...	345.8
20 days and less than 40 days ....	...	13.0	...	...	...	13.0
40 days and over ....	...	...	...	...	...	...
Total	529.9	161.0	214.6	70.5	308.2	1,284.2

(a) Less than 50.

INDUSTRIAL ACCIDENTS

The collection of information required for detailed analysis of industrial accidents occurring in Western Australia commenced on 1 July 1961. From that date all insurers and self-insurers have been required to submit a report to the Workers' Compensation Board in respect of each claim for workers' compensation as soon as the claim is closed. Only accidents coming within the scope of the Workers' Compensation Act are included in the statistics, which therefore exclude industrial accidents resulting in the death of, or injury to, self-employed persons and all Commonwealth Government employees. Compensation for employees of the Commonwealth Government is provided by the *Commonwealth Employees' Compensation Act 1930-1969*. As the statistics relate only to accidents, particulars of cases of industrial disease are excluded. Reopened claims are excluded from the number of accidents, but the additional time lost and amounts paid on these claims are included.

With few exceptions, an accident to an employee while travelling between his place of residence and place of employment was not compensable in Western Australia until 14 December 1964, when the *Workers' Compensation Act Amendment Act, 1964* came into operation. From that date, the compensation provisions have been extended generally to include such cases. Journey cases are not, however, included in the statistics which are intended to cover only those accidents occurring at the work site or in the course of the worker's normal duties.

For the purpose of the statistics, each claim is regarded as a separate industrial accident and data are prepared from reports of claims closed during the year under review. The item 'cost of claims' refers to *total* payments made (principally in the form of compensation for loss of wages, medical expenses, and lump-sum settlements) in respect of claims closed during the year, and therefore does not necessarily represent amounts actually paid in that year. Similarly, 'time lost' refers to *total* time lost (*i.e.* from date of injury) in respect of claims closed during the year.

Classification according to industry group has been made on the basis of the 1966 Census Classification of Industries.

In Tables 27 and 28, particulars are shown of industrial accidents resulting in death or absence from work for *one day* or more. Similar information is given in Tables 29 and 30 in respect of industrial accidents causing death or absence from work for *one week* or more, in order to provide figures which are comparable with those for other Australian States which do not compile statistics of industrial accidents involving absence from work for less than one week.

Statistics in greater detail, as well as analyses according to additional characteristics, are available in the publications, *Industrial Accidents (Series A)*, which relates to accidents resulting in death or absence from work for one day or more, and *Industrial Accidents (Series B)*, relating to accidents resulting in death or absence from work for one week or more. These publications, which are in mimeographed form, are issued annually by the Western Australian Office of the Commonwealth Bureau of Census and Statistics.

No. 27—Industrial Accidents: Number, Time Lost and Cost of Claims: Industry Groups, 1968-69
 (Time lost: *one day or more*)

Industry group	Number of accidents			Time lost (a) non-fatal accidents		Cost of claims (b)			
	Fatal	Non-fatal		Total	Average per accident	Fatal	Non- fatal	Total	Average per non-fatal accident
		Number	Pro- portion of total						
Primary production	3	1,338	per cent	weeks	\$'000	\$'000	\$'000	\$	
Mining and quarrying	6	1,555	5·1	4,007	20	259	280	194	140
Total, Primary industry	9	2,893	10·9	7,482	2·6	53	477	530	165
Manufacturing—									
Cement, bricks, glass and stone	1	1,011	3·8	2,011	2·0	(c)	129	129	128
Founding, engineering and metalworking	4	3,787	14·3	6,402	1·7	29	401	431	106
Ships, vehicles, parts and accessories	2	1,330	5·0	2,267	1·7	22	125	147	94
Food, drink and tobacco	...	2,007	7·6	4,236	2·1	...	212	212	106
Sawmilling and manufacture of wood products	2	1,127	4·3	3,443	3·1	11	240	251	213
Other manufacturing	2	1,203	4·5	2,492	2·1	4	177	181	147
Total, Manufacturing	11	10,465	39·5	20,851	2·0	67	1,284	1,350	123
Electricity, gas, water and sanitary services (d)	1	589	2·2	1,660	2·8	12	95	108	162
Building and construction	2	4,703	17·8	11,053	2·4	10	681	691	145
Transport, storage and communication	2	2,356	8·9	5,691	2·4	4	323	328	137
Finance and property	1	51	0·2	113	2·2	...	16	16	309
Commerce	1	3,361	12·7	6,439	1·9	4	404	407	120
Public authority activities (n.e.i.) and defence services; community and business services	1	1,209	4·6	3,959	3·3	(c)	218	218	180
Amusement, hotels, cafes, personal service, etc.	1	846	3·2	2,319	2·7	8	136	144	161
Other	...	2	0·0	7	3·3	...	(c)	(c)	184
Total, Other industries	8	13,117	49·5	31,242	2·4	38	1,874	1,912	143
TOTAL, ALL INDUSTRIES	28	26,475	100·0	59,575	2·3	158	3,635	3,793	137

(a) Total time lost; see letterpress on page 30. (b) Refers to *total* payments made; see letterpress on page 30.
 (c) Less than \$500. (d) Production, supply and maintenance.

No. 28—Industrial Accidents: Number, Time Lost and Cost of Claims
 (Time lost: *one day or more*)

Year	Number of accidents			Time lost (a) non-fatal accidents		Cost of claims (b)			
	Fatal	Non-fatal	Total	Average per accident	Fatal accidents	Non-fatal accidents	Total	Average per non-fatal accident	
1964-65	32	25,711	weeks	weeks	\$'000	\$'000	\$'000	\$	
1965-66	31	26,908	61,920	2·4	161	2,991	3,152	116	
1966-67	21	27,003	65,553	2·4	214	3,477	3,692	129	
1967-68	18	25,876	61,777	2·3	85	3,376	3,461	125	
1968-69	28	26,475	62,444	2·4	80	3,596	3,676	139	
			59,575	2·3	158	3,635	3,793	137	

(a) See footnote (a) to previous table.

(b) See footnote (b) to previous table.

No. 29—Industrial Accidents: Number, Time Lost and Cost of Claims: Industry Groups, 1968-69
(Time lost: one week or more)

Industry group	Number of accidents			Time lost (a) non-fatal accidents		Cost of claims (b)			
	Fatal	Non-fatal		Total	Average per accident	Fatal	Non- fatal	Total	Average per non-fatal accident
		Number	Pro- portion of total						
Primary production	3	973	per cent	weeks	\$'000	\$'000	\$'000	\$'000	\$
Mining and quarrying	6	795	7·0	3,808	20	247	268	233	254
Total, Primary industry	9	1,768	12·8	6,920	3·9	53	447	500	251
Manufacturing—									
Cement, bricks, glass and stone Founding, engineering and metalworking	1	490	3·5	1,746	3·6	(c)	115	115	234
Ships, vehicles, parts and accessories	4	1,505	10·9	5,385	3·6	29	344	373	229
Food, drink and tobacco	2	535	3·9	1,932	3·6	22	109	130	203
Sawmilling and manufacture of wood products ....	....	1,135	8·2	3,760	3·3	....	189	189	166
Other manufacturing	2	665	4·8	3,201	4·8	11	228	238	342
Total, Manufacturing	11	4,958	35·8	18,242	3·7	67	1,145	1,212	231
Electricity, gas, water and sanitary services (d)	1	312	2·3	1,527	4·9	12	88	101	283
Building and construction	2	2,476	17·9	9,952	4·0	10	625	635	253
Transport, storage and communication	2	1,366	9·9	5,191	3·8	4	296	300	216
Finance and property ....	....	23	0·2	102	4·4	....	15	15	642
Commerce	1	1,638	11·8	5,595	3·4	4	359	363	219
Public authority activities (n.e.i.) and defence services; community and business services	1	743	5·4	3,727	5·0	(c)	204	205	275
Amusement, hotels, cafes, personal service, etc.	1	573	4·1	2,174	3·8	8	129	137	226
Other ....	....	2	0·0	7	3·3	....	(c)	(c)	184
Total, Other industries	8	7,133	51·5	28,275	4·0	38	1,717	1,756	241
TOTAL, ALL INDUSTRIES	28	13,859	100·0	53,436	3·9	158	3,310	3,468	239

(a) Total time lost; see letterpress on page 30. (b) Refers to total payments made; see letterpress on page 30.
(c) Less than \$500. (d) Production, supply and maintenance.

No. 30—Industrial Accidents: Number, Time Lost and Cost of Claims
(Time lost: one week or more)

Year	Number of accidents		Time lost (a) non-fatal accidents		Cost of claims (b)			
	Fatal	Non-fatal	Total	Average per accident	Fatal accidents	Non-fatal accidents	Total	Average per non-fatal accident
1964-65	32	13,903	weeks	weeks	\$'000	\$'000	\$
1965-66	31	14,548	56,095	4·0	161	2,723	2,884
1966-67	21	14,323	59,403	4·1	214	3,189	3,403
1967-68	18	13,812	55,506	3·9	85	3,071	3,156
1968-69	28	13,859	56,469	4·1	80	3,287	3,367
						158	3,310	3,468

(a) See footnote (a) to previous table.

(b) See footnote (b) to previous table.

PRICES

RETAIL PRICES

Prices of a limited range of commodities are recorded in the Blue Books of Western Australia from the early years of settlement. It was not until 1911, however, that a systematic collection of retail price statistics, undertaken by the Commonwealth Statistician, was begun. The results of this inquiry were published in 1912 and thus, for the first time, particulars of retail prices in a selection of Western Australian towns became available. As well as providing data for each of five principal towns for the year 1911, the published information contained particulars for the capital city for each year from 1901 to 1910, the scope of the investigation having been specially extended for this purpose. The 46 commodities included in the collection, in addition to house rent, comprised a representative range of groceries, dairy produce and meat. The field of collection was later expanded to cover other groups of household expenditure.

Prices are now collected regularly for items of food; clothing and drapery; housing; household supplies and equipment; and miscellaneous commodities and services.

Representative and reputable retailers and service establishments are selected for each class of commodity and each service. These informants furnish regular returns of prices. Whenever necessary, particulars of prices are also obtained from other firms. For food items, prices are collected monthly, as at the 15th of each month, and are averaged for the three months of the quarter. For most other items prices are obtained quarterly as at the 15th of the middle month of the quarter. In general, prices are collected from actual vendors at retail selling outlets. The prices are those actually being charged for normal cash purchases of new articles. 'Bargain' or 'sale' prices of imperfect goods or discontinued lines are not used.

The information is collected, under authority of the *Census and Statistics Act 1905-1966* for specified 'standards' of the commodities and services priced. Specifications include the unit of quantity to be priced, the grade, quality, size, style, etc. and in some cases the particular brand and the manufacturer's 'line' number. The standards selected are those with a considerable volume of sales and likely to remain representative over a long period.

The items and standards priced are revised from time to time to keep them in harmony with changing conditions. Before each quarterly collection the standards of all items are reviewed after extensive inquiries among manufacturers, wholesalers and retailers. Where changes in the items or standards priced become necessary, suitable adjustments are made in compiling price series to ensure that they reflect only changes in prices for representative goods of constant quality and not differences in prices of differing standards.

The actual collection of information is carried out by specially qualified field officers of the Commonwealth Bureau of Census and Statistics, who not only receive and check returns but visit the shops or other establishments concerned.

Table 35 on page 39 shows the average retail prices in the metropolitan area of 37 items of food and groceries during each month of 1969.

RETAIL PRICE INDEX NUMBERS

The collected information relating to prices of goods and services may be summarised in the form of index numbers. Prices of items, selected as being representative of a high proportion of the expenditure of wage-earner households, are combined at regular intervals by the use of 'weights' in approximate proportion to quantities actually used. The aim is to express as a single number the degree of change in prices for the selected field taken as a whole. In practice the application of this principle over a term of years presents great difficulty by reason of the numerous changes, which occur in the type, grade and relative quantities of many of the items commonly used.

Basically, in the simplest method of compiling retail price indexes the price of each item is multiplied by a fixed quantity or 'weight', the product being an 'expenditure'. The sum of these products for all items at any given date represents an 'aggregate expenditure'. The 'aggregate expenditures' for successive periods are converted into an index series by equating the aggregate for a selected or 'base' period to 100 (or some other convenient number), and calculating all index numbers to this base according to the ratio which the several aggregates bear to that of the base period.

The 'A' Series Index was first compiled in 1912 and although it was both rudimentary and of limited scope, covering only food, groceries and house rents, it was not discontinued until 1938. The 'C' Series Index was first compiled in 1921, and retrospectively to 1914, to supply the need for a more adequate index. It was originally described as the 'All Items' Index, to distinguish it from the 'A' Series, because it included, in addition to food, groceries and house rents, many items of clothing, household drapery and utensils, fuel, lighting, fares, smoking and some other miscellaneous items.

The list of component items and the weighting pattern of the 'C' Series Retail Price Index, first adopted in 1921, were slightly revised by Conference of Statisticians in 1936, but otherwise remained almost unchanged until the index was discontinued in 1960. From the outbreak of war in 1939 to late in 1948, periodic policy changes in regard to various war-time controls, including rationing, caused recurrent changes in consumption and in the pattern of expenditure.

RETAIL PRICE INDEX NUMBERS—*continued*

This rendered changes in the index desirable but made it impracticable either to produce a new index, or to revise the old one, on any basis that would render the index more representative than it already was of the changing pattern in those years.

When commodity rationing had virtually ceased in the latter part of 1948, action was taken by the Commonwealth Statistician to collect price data of about 100 additional items and to gather information as to current consumption and expenditure patterns. This was done to facilitate review of the component items and weighting system of the 'C' Series Retail Price Index, in the light of the new pattern of wage-earner expenditure and consumption that appeared to be then emerging. However, there supervened, in the next few years, conditions which caused wide price dispersion coupled with a very rapid rise in prices and a new sequence of changes in consumption and the pattern of wage-earner expenditure. Under these conditions it was not possible to devise any new weighting pattern likely to be more continuously representative of conditions then current than was the existing 'C' Series Index on the 1936 revision. A conference of Statisticians considered the matter in June 1953, and resolved, in part, as follows:

- (a) That, in view of the persistence of recurrent changes in the pattern of consumer expenditure in the post-war period, it is undesirable to make a general revision of the list of items and weighting system of the 'C' Series Retail Price Index at present, unless industrial tribunals expressly desire some revision for special purposes.
- (b) That an Interim Retail Price Index be compiled with putative weights and components representative, as nearly as may be, of the post-war pattern of consumer usage and expenditure.

The 'C' Series Index continued to be compiled on its pre-war basis without significant change in procedures. The Interim Retail Price Index, with the year 1952–53 as its base, was introduced in 1954 and continued until the March quarter of 1960. This Interim Index was a transitional index designed to measure retail price variations on the 'C' Series model in terms of post-war consumption weights, as emerging in the early 1950s. It embraced a wider range of commodities and services than did the 'C' Series Index, but it did not take into account successive major changes in the pattern of expenditure and modes of living that began to occur early in 1950 and through to 1960. These changes could not, in fact, be detected and measured promptly, and incorporated into an index, concurrently with their happening in those years. Nor was it envisaged as desirable to adopt fundamentally new procedures in price index construction until it was fully evident that far-reaching procedural changes were necessary to meet the situation that had developed between about 1950 and 1960.

During this period home-owning largely replaced the renting of privately-owned houses, the numbers of government-owned rented houses increased appreciably, the use of the motor car greatly increased and partly replaced use of public transport, various items of electrical household equipment and television came into widespread use, household consumption of electricity greatly increased, and technological developments such as the introduction of new synthetic materials produced a number of changes in clothing and other groups of items. Through the impact of these continuing changes in usage, combined with disparate movements in prices, the Interim Retail Price Index became outmoded. As studies progressed and new data became available, it was clear that no single list of items and no single set of fixed weights would be adequately representative as a basis for measuring retail price changes at all times throughout the post-war period. In consequence, the situation was met by compiling the Consumer Price Index constructed as a chain of linked indexes with significant changes in composition and weighting effected at short intervals.

THE CONSUMER PRICE INDEX

The Consumer Price Index was first compiled in 1960, retrospectively to the September quarter of 1948. It replaced both the 'C' Series Retail Price Index and the Interim Retail Price Index in official statistical publications. The title 'Consumer Price Index' is used for purposes of convenience and does not imply that the new index differs in definition or purpose from previous retail price indexes. The index is designed to measure quarterly variations in retail prices of goods and services representing a high proportion of the expenditure of wage-earner households. The weighting pattern relates to estimated aggregates of wage-earner household expenditure and not to estimated expenditures of an 'average' or individual household of specified size, type, or mode of living. It is thus possible to give appropriate representation to owner-occupied houses as well as rented houses and to include motor cars, television sets, and other major expenditures which relate to some households and not to others.

Investigations revealed that the incidence and frequency of changes in the pattern of household expenditure since 1950 were such as to render it necessary to construct the index with additional items and changes in weighting patterns at intervals, rather than on the basis of a list of items and set of weights which remained unchanged throughout the period. Six series for short periods—(September quarter 1948 to June quarter 1952; June quarter 1952 to June quarter 1956; June quarter 1956 to March quarter 1960; March quarter 1960 to December quarter 1963; December quarter 1963 to December quarter 1968; and from December quarter 1968) have therefore been constructed and linked to form a continuous series. At times of linking the weighting pattern was altered and, in addition, new items (mainly those that had become significant in household expenditure) were introduced. In each period between links the items and weighting have remained unchanged.

The Consumer Price Index covers a wide range of commodities and services arranged in the five major groups, Food; Clothing and Drapery; Housing; Household Supplies and Equipment; and Miscellaneous. It is designed only to measure the proportionate change in prices as combined

THE CONSUMER PRICE INDEX—continued

in the individual groups, or the aggregate of the groups in the index. This is a basic principle of all price indexes, and failure to appreciate it gives rise to misconceptions concerning price indexes and their uses. Consumer (retail) price indexes are sometimes loosely called 'cost of living indexes' and are thought to measure changes in the 'cost of living'. Neither the Consumer Price Index nor any other retail price index, measures those changes in the cost of living that result directly from changes in the mode or level of living. Changes of that kind are matters for consideration apart from price indexes. But the change in prices of goods and services is a very important part of the change in any cost of living and this part is measured by consumer (retail) price indexes.

The following summary gives a general description of the nature of the items included in the several groups which together comprise the Consumer Price Index.

Food—Meat (fresh and processed, including poultry); dairy produce; cereal products; soft drink, ice cream and confectionery; potatoes, onions and preserved fruit and vegetables; and other foods including sugar, jam, margarine, tea, coffee, baby foods, and sundry canned and other foods.

Clothing and Drapery—Men's, women's, boys' and girls' clothing; men's, women's and children's footwear; household drapery; and piecegoods and knitting wool.

Housing—Costs (house price, rates, repairs and maintenance) involved in home ownership or purchase by instalments; and rent paid to a private owner or government authority in relation to unfurnished flats (from December quarter 1968) and unfurnished houses.

Household Supplies and Equipment—Household appliances; fuel and light; and household articles including furniture (from December quarter 1963), floor coverings, kitchen and other utensils, gardening and small tools, household sundries, personal requisites, proprietary medicines and school requisites.

Miscellaneous—Transport (train, tram and bus fares and private motoring costs); beer; tobacco and cigarettes; services such as health, hairdressing, dry cleaning, shoe repairs and postal and telephone services; and other expenditure including costs of radio and television operation, cinema admission and newspapers.

These groups do not include every item of household spending. It is both impracticable and unnecessary for them to do so. Prices are collected regularly for specified quantities and qualities of a large and representative selection of commodities and services. Movements in the prices of these items, when combined in suitable proportions, provide a representative measure of price change as affecting a high proportion of the expenditure of wage-earner households.

The sets of weights used have been derived from analyses of statistics of production and consumption, the Population Censuses of 1947, 1954, 1961 and 1966, the Censuses of Retail Establishments of 1948–49, 1952–53, 1956–57 and 1961–62 and the continuing Survey of Retail Establishments; from information supplied by manufacturing, commercial, and other relevant sources; and from special surveys. As from the December quarter 1968 the weights, in general, are based on the pattern of consumption of the years 1962–63 to 1966–67.

The index has been compiled for each quarter from the September quarter of 1948, and for each financial year from 1948–49. (Comprehensive series of Consumer Price Index numbers *ab initio* are given in Tables 1 to 7 of Part XII of the *Statistical Register* for 1959–60). 'All Groups' index numbers, and group index numbers for each of the five major groups, are compiled and published regularly for the six State capital cities separately and combined. In addition, 'Sub-Group' index numbers for the six State capital cities combined have been published since the September quarter 1969. When the latest link was effected, the reference base year of the index was changed from 1952–53 = 100 to 1966–67 = 100. Index numbers on the new base are, of course, convertible to index numbers on the old base by the application of an arithmetical factor based on the relationship of the relevant series in 1952–53 and 1966–67. Apart from slight rounding differences, index numbers for past periods show exactly the same percentage movement on either reference base. Figures appearing after the decimal point possess little significance for general statistical purposes. They are inserted merely to avoid the minor distortions that would occur in rounding off the figures to the nearest whole number.

The separate city indexes measure price movements within each city individually. They enable comparisons to be drawn between cities as to differences in the degree of price movement, but not as to differences in the actual price level since the index for each city is independently based, on the prices recorded in that city during 1966–67. Similarly, the separate group indexes measure price movements of each group individually. They enable comparisons to be drawn as to differences in the degree of price change in the different groups, but do not show the comparative cost of the different groups.

The index for the six capital cities combined is a weighted average of price movement in the individual cities. The relative influence of the several cities on the combined index is determined by their populations at the 1954 Census for periods to the December quarter 1963, on their populations at the 1961 Census from March quarter 1964 to December quarter 1968 and on the results of the 1966 Census from the link made at December quarter 1968.

The foregoing summary of the main features of the Consumer Price Index has been prepared from publications issued by the Commonwealth Statistician, Canberra, among them being the *Labour Report*, No. 53, 1967, which contains a detailed description of the Index.

WHOLESALE PRICE INDEX OF MATERIALS USED IN BUILDING

The Wholesale Price Index of Materials used in Building other than House Building is compiled by the Commonwealth Statistician and was first published in April 1969. Index numbers are produced monthly for each State capital city and for the six State capital cities combined.

The index measures changes in prices of selected materials used in the construction of buildings other than houses and 'low-rise' flats (in general, those up to three storeys). Its composition is in accordance with the materials usage in actual building projects which were selected as representative for the purpose. The building 'use-types' (e.g. office building, factory, etc.) directly represented are 'high-rise' flats (in general, those of more than three storeys); offices; factories; health buildings (*i.e.* hospitals, nurses' quarters, clinics, etc.); education buildings (*i.e.* schools, universities, kindergartens, etc.); and commercial premises including hotels, hostels, etc., shops, and other business premises. The index includes seventy-two items, which are combined in eleven groups as shown in Table 36.

Although the selected materials (or many of them) are also used in house (and low-rise flat) building, in building repair, maintenance, and alteration work, and in 'engineering construction' work (e.g. projects such as roads, dams, bridges and the like), the weighting pattern of the index, being designed for the specific purpose mentioned earlier, is not applicable to these other activities of the Construction industry. In addition, since the weights are based on an average materials usage over the stated range of building use-types, the index is not necessarily applicable to any specific building or any of the separate use-types.

The reference base of the index is the year 1966-67 = 100·0. The index is a fixed-weights index and is calculated by the method known as 'the weighted arithmetic mean of price relatives'. The items and weights were derived from reported values of each material used in selected representative buildings constructed in or about 1966-67. The selection took account of building use-type and construction characteristics (e.g. type of frame, wall, floor, etc.) within use-types.

A single weighting pattern, relating to the whole of Australia, is applied (with minor exceptions) to local price measures in calculating indexes for each State capital city. The index for the six State capital cities combined is a weighted average of individual city indexes. The relative weighting of the capitals is in proportion to the estimated value on completion of building other than house building in the separate States during the three years ended June 1967.

Price series used in the index relate to specified standards of each commodity and are obtained in all State capital cities from representative suppliers of materials used in building. In the main they are collected as at the mid-point of the month to which the index refers.

The index has been compiled for each month from July 1966 and for the financial years from 1966-67. Figures are published to one decimal place to avoid distortions that would occur in rounding off the index numbers to the nearest whole number.

The separate city indexes measure price movements in each State capital city individually. They enable comparisons to be drawn between capitals as to differences in degree of price movement from period to period, but not as to differences in price level.

Further information concerning the method of compiling the index, as well as detailed group index numbers for each State capital city, is given in the monthly publication *Wholesale Price Indexes—Price Index of Materials used in Building other than House Building*, first issued on 23 April 1969 by the Commonwealth Statistician, Canberra.

THE CONSUMER PRICE INDEX

(See letterpress on pages 34-5.)

No. 31—Consumer Price Index: Perth

(Base of each index: Year 1966-67 = 100)

Period	Group index numbers					Combined index (all groups)	
	Food	Clothing and drapery	Housing	Household supplies and equipment	Miscellaneous		
Year—							
1959-60	82.5	91.7	76.9	97.3	81.1	84.8	
1960-61	86.7	93.9	81.6	97.5	84.0	87.9	
1961-62	86.1	94.7	84.3	97.6	84.0	88.2	
1962-63	86.4	95.0	86.9	97.3	84.2	88.7	
1963-64	87.4	95.7	89.8	95.7	86.2	89.8	
1964-65	91.0	96.8	92.1	96.7	90.0	92.6	
1965-66	95.2	97.9	95.4	98.3	95.3	96.1	
1966-67	100.0	100.0	100.0	100.0	100.0	100.0	
1967-68	102.9	102.1	105.8	100.7	103.2	102.9	
1968-69	104.5	104.5	112.7	102.1	105.6	105.5	
Quarter—							
1967—	December	101.6	102.0	105.5	100.4	103.6	102.5
1968—	March	102.9	102.3	106.5	100.6	103.8	103.1
	June	104.2	102.8	107.8	101.3	104.0	104.0
	September	103.7	103.4	109.7	101.5	104.5	104.3
1969—	December	103.3	104.4	112.3	101.9	105.4	104.9
	March	104.1	104.7	113.7	102.3	105.9	105.6
	June	106.9	105.5	115.1	102.6	106.5	107.0
	September	106.9	106.4	117.0	102.7	107.5	107.7
	December	106.1	107.5	119.9	103.6	109.8	108.7

No. 32—Consumer Price Index: All Groups Index Numbers
Six Capital Cities

(Base of each index: Year 1966-67 = 100)

Period	Combined index (all groups)						
	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	
Year—							
1959-60	86.5	85.3	84.2	86.2	84.8	85.6	
1960-61	98.6	89.5	87.1	89.8	87.9	90.3	
1961-62	89.9	89.8	88.4	89.5	88.2	90.7	
1962-63	90.4	89.7	88.7	89.1	88.7	90.7	
1963-64	91.4	90.4	89.6	90.2	89.8	91.7	
1964-65	94.5	94.0	93.0	93.9	92.6	94.6	
1965-66	97.7	97.5	97.5	97.0	96.1	98.0	
1966-67	100.0	100.0	100.0	100.0	100.0	100.0	
1967-68	103.2	103.7	103.3	102.9	102.9	104.6	
1968-69	106.2	106.2	105.5	105.3	105.5	106.1	
Quarter—							
1967—	December	102.9	103.3	103.0	102.1	102.5	105.0
1968—	March	103.2	103.8	103.7	102.6	103.1	104.6
	June	104.0	104.8	103.7	104.2	104.0	104.6
	September	104.4	105.1	104.7	104.2	104.3	105.0
1969—	December	105.9	106.0	105.3	105.2	104.9	105.8
	March	106.7	106.6	105.8	105.5	105.6	106.5
	June	107.6	107.2	106.3	106.4	107.0	107.0
	September	108.4	107.6	107.2	106.9	107.7	107.4
	December	109.6	108.3	107.9	107.3	108.7	108.1

No. 33—Consumer Price Index: Six Capital Cities Combined

(Base of each index: Year 1966-67 = 100)

Period	Group index numbers					Combined index (all groups)
	Food	Clothing and drapery	Housing	Household supplies and equipment	Miscellaneous	
Year—						
1959-60	84.7	91.5	75.4	95.4	83.2	85.7
1960-61	90.2	93.4	80.8	96.6	85.5	89.2
1961-62	88.6	94.4	84.0	97.9	86.1	89.6
1962-63	87.8	94.7	86.5	97.7	86.6	89.8
1963-64	89.0	95.3	89.1	96.4	87.3	90.6
1964-65	93.9	96.8	92.0	97.2	91.4	94.0
1965-66	98.4	97.9	95.9	98.9	95.8	97.4
1966-67	100.0	100.0	100.0	100.0	100.0	100.0
1967-68	104.7	102.2	104.5	101.2	102.8	103.3
1968-69	105.8	104.3	109.1	102.9	107.6	106.0
Quarter—						
1967—						
December	103.9	102.1	104.2	101.1	102.8	103.0
1968—						
March	104.6	102.3	104.7	101.1	103.1	103.4
June	105.6	102.8	106.0	101.9	103.6	104.2
September	105.3	103.3	106.7	102.1	105.1	104.6
December	105.5	104.1	108.7	102.7	107.3	105.7
1969—						
March	105.7	104.4	109.7	103.0	108.5	106.4
June	106.6	105.2	111.2	103.7	108.9	107.2
September	106.6	106.0	112.8	103.7	110.0	107.8
December	107.1	107.2	114.7	103.9	110.9	108.7

RETAIL PRICE INDEX NUMBERS, 1901 TO 1969

The index numbers shown in the following table are presented as a continuous series, but they give only a broad indication of long-term trends in retail price levels. They are derived by linking a number of indexes that differ greatly in scope. The successive indexes used are: from 1901 to 1914, the 'A' Series Retail Price Index; from 1914 to 1946-47, the 'C' Series Retail Price Index; from 1946-47 to 1948-49, a composite of Consumer Price Index Housing Group (partly estimated) and 'C' Series Index excluding Rent; from 1948-49 to 1969, the Consumer Price Index.

No. 34—Retail Price Index Numbers: 1901 to 1969

Six Capital Cities Combined

(Base of index: Year 1911 = 100)

Year	Index number	Year	Index number	Year	Index number	Year	Index number
1901	88	1919 (a)	170	1937	...	1955	...
1902	93	1920 (a)	193	1938	...	1956	...
1903	91	1921 (a)	168	1939	...	1957	...
1904	86	1922 (a)	162	1940	...	1958	...
1905	90	1923	166	1941	...	1959	...
1906	90	1924	164	1942	...	181	1960
1907	90	1925	165	1943	...	188	1961
1908	95	1926	168	1944	...	187	1962
1909	95	1927	166	1945	...	187	1963
1910	97	1928	167	1946	...	190	1964
1911	100	1929	171	1947	...	198	1965
1912	110	1930	162	1948	...	218	1966
1913	110	1931	145	1949	...	240	1967
1914 (a)	114	1932	138	1950	...	262	1968
1915 (a)	130	1933	133	1951	...	313	1969
1916 (a)	132	1934	136	1952	...	367	
1917 (a)	141	1935	138	1953	...	383	
1918 (a)	150	1936	141	1954	...	386	

(a) November.

No. 35—Food and Groceries: Perth—Average Retail Prices at the 15th of each month of 1969
(Cents)

Commodity	Unit	January	February	March	April	May	June	July	August	September	October	November	December	Average, 1969
GROCERIES														
Bread, ordinary white	2 lb	19.0	19.0	19.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.8
Flour—Plain, prepacked	"	15.7	15.8	15.8	15.8	16.0	16.0	16.0	16.1	16.1	16.1	16.1	16.1	16.0
Self-raising	"	19.4	19.7	19.7	19.7	19.2	19.8	19.8	19.8	19.8	19.2	19.1	19.7	19.6
Tea	½ lb	30.6	30.6	30.6	30.6	28.7	28.6	28.7	28.7	28.7	28.7	28.7	28.7	29.5
Sugar	lb	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
Rice	1 lb pkt	14.9	14.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Jam, plum	1½ lb tin	29.6	29.8	29.4	29.7	30.3	31.2	31.2	31.9	31.9	31.9	31.9	31.6	30.9
Oats, rolled	1½ lb pkt	27.7	28.2	28.9	26.1	27.0	25.7	25.5	25.8	26.4	27.7	28.6	28.6	27.2
Peaches, canned	29 oz	33.3	32.7	33.1	33.7	33.8	34.0	34.1	34.5	34.5	34.5	33.7	34.5	33.9
Pears, canned	"	33.3	33.1	33.1	33.7	33.8	34.0	34.1	34.5	34.5	34.1	33.3	34.5	33.8
Potatoes (a)	7 lb	43.2	43.6	43.6	43.8	43.4	42.3	39.8	36.3	41.2	42.1	42.9	43.3	42.1
Onions, brown (a)	lb	6.7	5.9	6.3	6.5	6.9	7.1	7.3	8.3	8.7	10.3	10.9	10.5	8.0
Soap, laundry	20 oz pkt	32.3	33.0	32.2	33.0	32.4	33.0	31.8	32.7	32.0	33.2	33.4	33.5	32.7
DAIRY PRODUCE														
Butter	lb	49.8	49.8	49.8	51.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	52.2
Cheese, processed	½ lb pkt	25.2	24.2	24.6	25.1	24.6	24.6	24.8	25.1	24.8	24.8	24.3	25.1	24.8
Eggs, 24 oz	dozen	65.2	66.3	66.3	66.3	66.0	66.0	66.9	66.0	65.8	66.0	66.0	66.0	66.1
Bacon, rashers, prepacked	½ lb	44.0	44.0	44.0	44.0	44.0	44.3	44.5	44.4	44.4	44.4	44.5	43.4	44.2
Milk—Evaporated	14½ oz tin	17.4	16.6	17.4	17.4	17.4	16.6	17.1	17.1	17.4	17.2	16.8	17.1	17.1
Fresh, bottled	quart	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
MEAT		Quarterly average		Quarterly average		Quarterly average		Quarterly average		Quarterly average		Quarterly average		Quarterly average
Beef (fresh)—														
Rib (without bone)	lb	52.5		55.5			55.6			53.2				54.2
Steak—Rump	"	97.3		102.5			103.2			101.7				101.2
T-bone	"	78.9		82.7			82.6			82.0				81.6
Chuck	"	54.8		58.6			59.7			56.0				57.3
Sausages	"	24.1		24.9			25.0			25.0				24.8
Beef (corned)—														
Silverside	"	57.2		59.1			59.7			59.0				58.8
Brisket, rolled	"	43.0		45.6			45.8			44.0				44.6
Mutton (fresh)—														
Leg	"	31.5		33.7			32.3			30.1				31.9
Chops—Loin	"	25.8		28.4			28.0			26.3				27.1
Leg	"	28.5		30.6			29.2			27.2				28.9
Forequarter	"	22.3		25.0			23.2			21.6				23.0
Lamb (fresh)—														
Leg	"	47.8		51.7			51.6			48.1				49.8
Chops—Loin	"	47.6		52.7			52.3			47.9				50.1
Leg	"	48.3		53.0			52.7			48.4				50.6
Forequarter	"	41.0		45.5			45.2			39.7				42.9
Pork (fresh)—														
Leg	"	64.0		64.5			64.3			63.7				64.1
Loin	"	64.2		65.3			65.0			64.7				64.8
Chops	"	64.0		65.2			64.8			64.6				64.7

(a) Average of weekly prices.

WHOLESALE PRICE INDEX

(See letterpress on page 36.)

**No. 36—Wholesale Price Index of Materials Used in Building
other than House Building : Group Index Numbers**
(Base of *each* Index: Year 1966-67 = 100)

Group	Perth			Weighted average of six State capital cities		
	1966-67	1967-68	1968-69	1966-67	1967-68	1968-69
Concrete mix, cement, sand, etc.	100.0	100.6	101.4	100.0	101.5	103.5
Cement products	100.0	104.3	108.1	100.0	102.2	106.8
Bricks, stone, etc.	100.0	103.0	106.2	100.0	103.7	108.2
Timber, board and joinery	100.0	104.1	108.0	100.0	103.0	107.2
Steel and iron products	100.0	101.7	104.2	100.0	102.3	106.1
Aluminium products	100.0	99.7	101.8	100.0	101.4	103.9
Other metal products	100.0	105.7	106.4	100.0	105.9	106.8
Plumbing fixtures	100.0	101.7	103.4	100.0	102.8	103.3
Miscellaneous materials	100.0	102.7	103.9	100.0	102.3	103.2
Electrical installation materials (a)	100.0	100.9	102.1	100.0	100.9	102.1
Mechanical services components (b)	100.0	101.4	107.5	100.0	101.4	107.7
All groups	100.0	102.0	104.7	100.0	102.2	105.6

(a) Based on Sydney and Melbourne prices.

(b) In the main based on Sydney and Melbourne prices.

**No. 37—Wholesale Price Index of Materials Used in Building
other than House Building : All Groups Index Numbers**
(Base of *each* Index: Year 1966-67 = 100)

NOTE. The separate city indexes measure price movements within each city individually. They enable comparisons to be drawn between cities as to differences in degree of price movement, but not as to differences in price level.

Capital city	1966-67	1967-68	1968-69
Sydney	100.0	102.6	106.5
Melbourne	100.0	101.7	105.0
Brisbane	100.0	102.2	105.1
Adelaide	100.0	101.8	105.0
Perth	100.0	102.0	104.7
Hobart	100.0	102.3	105.1
Weighted average of six State capital cities	100.0	102.2	105.6

STATISTICAL PUBLICATIONS

41

Issued by the Deputy Commonwealth Statistician and Government Statistician,
1-3 St George's Terrace, Perth.

PRINTED PUBLICATIONS

Title of publication	Latest issue at 31 Dec. 1970	Published	Price	
			Excluding postage	Including postage (a)
WESTERN AUSTRALIAN YEAR BOOK	No. 9, 1970	July 1970	\$ 1.00	\$ 1.51
WESTERN AUSTRALIAN POCKET YEAR BOOK (b)	No. 52, 1970	Oct. 1970	0.20	0.26
QUARTERLY STATISTICAL ABSTRACT	Dec. 1970	Dec. 1970	0.20	0.26
STATISTICAL REGISTER OF WESTERN AUSTRALIA (Annual):				
Part I—Population and Vital Statistics (b)	1966-67 and 1967-68	Nov. 1969	0.40	0.52
Parts II and III—Finance Statistics	1967-68	Aug. 1969	0.40	0.46
Comprising: Part II—Public Finance Part III—Private Finance				
Part IV—Trade, Transport and Communication	1965-66 to 1967-68	Dec. 1970	1.40	1.64
Part V—Land Settlement, Agriculture, Livestock and Meteorological Statistics (b)	1967-68	Jan. 1970	1.10	1.34
Part VI—Factory Statistics (b)	1967-68	Jan. 1970	0.90	1.02
Part VII—Mineral Statistics and Water Conservation	1967-68	Aug. 1969	0.20	0.26
Parts VIII, IX and X—Social Statistics	1966-67 and 1967-68	Jan. 1970	0.30	0.36
Comprising: Part VIII—Law and Crime Part IX—Hospitals and Charitable Institutions Part X—Education				
Part XI—Local Government (b)	1967-68	Aug. 1970	0.50	0.56
Part XII—Retail Prices, Wages, Employment and Miscellaneous (b)	1967-68	Jan. 1970	0.60	0.72
Statistical Summary from 1829	1829-1968	Sept. 1969	0.20	0.26
STATISTICS OF WESTERN AUSTRALIA (Annual):				
Summary from 1829	1829-1969	Sept. 1970	0.20	0.26
ABSTRACT OF STATISTICS OF LOCAL GOVERNMENT AREAS (Annual) (b)	1970	Nov. 1970	0.50	0.68

(a) Within Australia and to Christmas Island, Cocos Island, Lord Howe Island, Norfolk Island, Nauru and Papua-New Guinea. (b) Includes statistics for individual local government areas.

MIMEOGRAPHED PUBLICATIONS

(Available free of charge on application)

Subject	Frequency of issue	Latest issue at 31 December 1970	Published
ACCIDENTS—			
Industrial Accidents	Annually	1969-70	Dec. 1970
Road Traffic Accidents involving Casualties	Quarterly	June qr 1970	Oct. 1970
Road Traffic Accidents involving Casualties (a)	Annually	1969	May 1970
BUILDING—			
Building Operations (a)	Quarterly	June qr 1970	Oct. 1970
Building Permits and Approvals (a)	Monthly	Nov. 1970	Dec. 1970
Number of New Houses and Flats (preliminary estimates)	Quarterly	Sept. qr 1970	Nov. 1970
EMPLOYMENT—			
Wage and Salary Earners in Civilian Employment	Annually	June 1966 to June 1970	Oct. 1970
FINANCE—			
Fire, Marine and General Insurance Statistics	Annually	1968-69	Feb. 1970
Local Government Finance Statistics	Annually	1968-69	Nov. 1970
Local Government Revenue and Expenditure: Budget Estimates (a)	Annually	1970-71	Dec. 1970
Permanent Building Societies	Monthly	Oct. 1970	Dec. 1970
MOTOR VEHICLES—			
Motor Vehicle Registrations	Monthly	Oct. 1970	Dec. 1970
Motor Vehicle Registrations (a)	Annually	1969	Aug. 1970
POPULATION AND VITAL STATISTICS—			
Divorce	Annually	1969	May 1970
Intercensal Changes in Population (a)	Irregular	1961-1966	June 1968
Population and Occupied Dwellings: Censuses, 1911 to 1966 (a)	Irregular	1911 to 1966	Feb. 1968
Population, Dwellings and Vital Statistics (Local Government Areas and Statistical Divisions) (a)	Annually	1966-1969	Feb. 1970
Projections of the Population	Irregular	1967 to 1976	Feb. 1969
Quarterly Summary of Population and Vital Statistics	Quarterly	June qr 1970	Dec. 1970

continued overleaf

STATISTICAL PUBLICATIONS—continued

MIMEOGRAPHED PUBLICATIONS—continued

Subject	Frequency of issue	Latest issue at 31 December 1970	Published
PRIMARY PRODUCTION—			
Agricultural and Pastoral Statistics (general summary)	Annually	1968-69	Mar. 1970
Apples and Pears in Cool Stores (February to December)	Monthly	Nov. 1970	Dec. 1970
Artificial Fertiliser Used on Rural Holdings (a)	Annually	1968-69	Nov. 1969
Bee Keeping Statistics	Annually	1969-70	Dec. 1970
Catch of Fish and Crustaceans	Monthly	June 1970	Nov. 1970
Cattle and Pigs (a)	Annually	1969	Oct. 1969
Cereal Crop Forecast (b)	Annually	1970-71	Nov. 1970
Chicks Hatched and Poultry Slaughtered	Monthly	Oct. 1970	Dec. 1970
Ewe Matings for Lambing	Irregular	1968 and 1969	May 1970
Fisheries	Annually	1968-69	Feb. 1970
Fruit (a)	Annually	1968-69	Feb. 1970
Grain and Seed Harvesters on Rural Holdings (a)	Triennially	1967	Feb. 1969
Grain Crops and Cereal Varieties (a)	Annually	1968-69	Nov. 1969
Hay, Green Feed and Silage (a)	Annually	1968-69	Nov. 1969
Irrigation (a)	Annually	1968-69	Dec. 1969
Livestock Slaughtered and Meat Produced	Annually	1968-69	Dec. 1969
Machinery on Rural Holdings (a)	Annually	1969	Nov. 1969
Mineral Exploration	Annually	1968-69	Nov. 1969
Pasture Seed (a)	Annually	1968-69	Nov. 1969
Rock Lobsters Held in Cold Stores and Exported	Monthly	Nov. 1970	Dec. 1970
Rural Census: Principal Statistics (preliminary statement) (c)	Annually	1969-70	Sept. 1970
Rural Land Utilisation (a)	Annually	1969-70	Dec. 1970
Sheep, Lambing and Wool Clip (a)	Annually	1969-70	Dec. 1970
Tractors on Rural Holdings (a)	Triennially	1969	Mar. 1970
Value of Primary Production (excluding Mining and Quarrying) (preliminary statement)	Annually	1969-70	Aug. 1970
Vegetables (a)	Annually	1968-69	Jan. 1970
Wheat for Grain (a)	Annually	1969-70	Nov. 1970
SECONDARY PRODUCTION—			
Factory Statistics (preliminary)	Annually	1967-68	Feb. 1969
Factory Statistics (general summary)	Annually	1967-68	July 1969
TRADE (EXTERNAL)—			
External Trade (Overseas and Interstate)	Annually	1968-69	Feb. 1970
Interstate Trade	Annually	1969-70	Nov. 1970
Quarterly Summary of Overseas Trade Statistics	Quarterly	to Sept. 1970	Dec. 1970
TRADE (INTERNAL)—			
New Agricultural Machinery and Tractor Statistics (Deliveries and Sales)	Quarterly	June qr 1970	Dec. 1970
Wholesale Sales and Stocks of Wine and Brandy	Annually	1968-69 and 1969-70	Nov. 1970
GENERAL—			
Indicators of Business Activity	Monthly	Dec. 1970	Dec. 1970
Monthly Statistical Summary	Monthly	Dec. 1970	Dec. 1970
Western Australia in relation to Australia	Annually	1969-70	June 1970

(a) Includes statistics for individual local government areas. (b) Entitled 'Wheat Crop Forecast' in issue for 1969-70. (c) Incorporates 'Livestock and Wool Clip (preliminary estimates)'.